

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143708.D
 Acq On : 11 Sep 2025 16:01
 Operator : RC/JU
 Sample : Q3065-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143708.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	487	495	503	rBB2	29288	46482	8.65%	0.569%
2	5.504	557	563	568	rBV	352266	447525	83.28%	5.483%
3	6.504	728	733	738	rBV	323658	423287	78.76%	5.186%
4	6.893	794	799	804	rVB	160334	190738	35.49%	2.337%
5	7.451	883	894	899	rBV	221183	285766	53.18%	3.501%
6	7.528	902	907	911	rVB	12909	15378	2.86%	0.188%
7	8.175	1012	1017	1022	rBV	202312	246983	45.96%	3.026%
8	9.251	1194	1200	1205	rBV	423159	537405	100.00%	6.584%
9	9.792	1286	1292	1296	rVB2	5031	7478	1.39%	0.092%
10	9.928	1310	1315	1320	rBV	208489	260030	48.39%	3.186%
11	10.639	1432	1436	1444	rVB	20746	26561	4.94%	0.325%
12	10.716	1444	1449	1454	rBV	210778	257505	47.92%	3.155%
13	10.922	1478	1484	1488	rBV3	4906	7005	1.30%	0.086%
14	11.069	1504	1509	1514	rVB4	4157	6019	1.12%	0.074%
15	11.357	1554	1558	1561	rBV	4585	6375	1.19%	0.078%
16	11.416	1561	1568	1576	rVV2	168160	243295	45.27%	2.981%
17	11.645	1601	1607	1612	rBV4	3942	6621	1.23%	0.081%
18	11.739	1620	1623	1627	rVB3	7541	9243	1.72%	0.113%
19	11.804	1627	1634	1637	rBV5	6410	10810	2.01%	0.132%
20	11.869	1641	1645	1649	rBV4	7465	10350	1.93%	0.127%
21	11.916	1649	1653	1655	rBV	61148	81257	15.12%	0.996%
22	11.939	1655	1657	1663	rVB2	110052	136703	25.44%	1.675%
23	12.027	1669	1672	1680	rVB3	13320	27378	5.09%	0.335%
24	12.116	1683	1687	1690	rBV3	4114	6740	1.25%	0.083%
25	12.151	1690	1693	1699	rVB3	18388	27004	5.02%	0.331%
26	12.222	1701	1705	1706	rVV	3950	5427	1.01%	0.066%
27	12.257	1706	1711	1717	rVB5	29482	45932	8.55%	0.563%
28	12.345	1722	1726	1731	rVB	73044	89462	16.65%	1.096%
29	12.398	1731	1735	1738	rBV2	6732	7719	1.44%	0.095%
30	12.451	1740	1744	1746	rBV	17993	23872	4.44%	0.292%
31	12.533	1755	1758	1765	rVB3	58320	75133	13.98%	0.921%
32	12.598	1765	1769	1771	rBV4	13005	16803	3.13%	0.206%
33	12.633	1771	1775	1778	rBV	44492	60798	11.31%	0.745%
34	12.727	1783	1791	1796	rVB	220369	299864	55.80%	3.674%
35	12.816	1800	1806	1811	rBV2	108551	256565	47.74%	3.143%
36	13.004	1830	1838	1845	rVB	338835	433243	80.62%	5.308%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.080	1845	1851	1857	rBV4	8764	18490	3.44%	0.227%
38	13.180	1862	1868	1872	rVV3	8574	17481	3.25%	0.214%
39	13.233	1872	1877	1881	rVV6	9391	22322	4.15%	0.273%
40	13.292	1884	1887	1891	rVV	12697	17128	3.19%	0.210%
41	13.333	1891	1894	1899	rVV6	10319	14289	2.66%	0.175%
42	13.386	1899	1903	1906	rVV	10886	14502	2.70%	0.178%
43	13.416	1906	1908	1910	rVV	8765	9497	1.77%	0.116%
44	13.451	1910	1914	1922	rVV7	21115	42645	7.94%	0.522%
45	13.545	1926	1930	1932	rBV5	5563	7907	1.47%	0.097%
46	13.574	1932	1935	1943	rVB7	6966	16648	3.10%	0.204%
47	13.692	1951	1955	1960	rVB	17793	26374	4.91%	0.323%
48	13.757	1963	1966	1968	rBV	6051	6087	1.13%	0.075%
49	13.798	1969	1973	1974	rBV3	12177	16377	3.05%	0.201%
50	13.851	1979	1982	1986	rVV2	18100	25520	4.75%	0.313%
51	13.904	1987	1991	2001	rVB2	72945	128737	23.96%	1.577%
52	14.057	2010	2017	2024	rBV2	205789	343118	63.85%	4.204%
53	14.116	2024	2027	2038	rVB5	32178	57037	10.61%	0.699%
54	14.227	2043	2046	2052	rVB7	12678	21967	4.09%	0.269%
55	14.345	2062	2066	2070	rBV3	19776	24982	4.65%	0.306%
56	14.445	2078	2083	2086	rBV2	20713	33186	6.18%	0.407%
57	14.480	2086	2089	2092	rVB2	8661	9010	1.68%	0.110%
58	14.539	2093	2099	2113	rBV2	137984	279496	52.01%	3.424%
59	14.745	2130	2134	2138	rBV2	34105	56600	10.53%	0.693%
60	14.839	2147	2150	2153	rBV4	11327	15355	2.86%	0.188%
61	14.992	2171	2176	2186	rVB	125868	185075	34.44%	2.267%
62	15.104	2190	2195	2203	rVV	30879	73213	13.62%	0.897%
63	15.192	2204	2210	2212	rVV	219397	375399	69.85%	4.599%
64	15.216	2212	2214	2228	rVB	260240	432472	80.47%	5.299%
65	15.410	2244	2247	2252	rVB	17685	26826	4.99%	0.329%
66	15.474	2253	2258	2263	rVB	27023	45543	8.47%	0.558%
67	15.539	2264	2269	2273	rBV	116550	180171	33.53%	2.207%
68	15.780	2305	2310	2318	rVB	60663	107592	20.02%	1.318%
69	16.027	2346	2352	2357	rBV	150263	265468	49.40%	3.252%
70	16.086	2357	2362	2370	rVB2	48658	109947	20.46%	1.347%
71	16.186	2376	2379	2388	rVB8	19843	33868	6.30%	0.415%
72	16.551	2436	2441	2446	rVB8	6827	13948	2.60%	0.171%
73	16.851	2485	2492	2498	rBV3	28804	65088	12.11%	0.797%
74	17.157	2539	2544	2551	rBV	17566	37979	7.07%	0.465%
75	17.662	2622	2630	2638	rBV8	52966	164079	30.53%	2.010%
76	18.009	2682	2689	2697	rBV10	22911	69562	12.94%	0.852%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.139	2706	2711	2722	rVB8	15568	51244	9.54%	0.628%
78	18.509	2764	2774	2777	rBV8	20429	61115	11.37%	0.749%

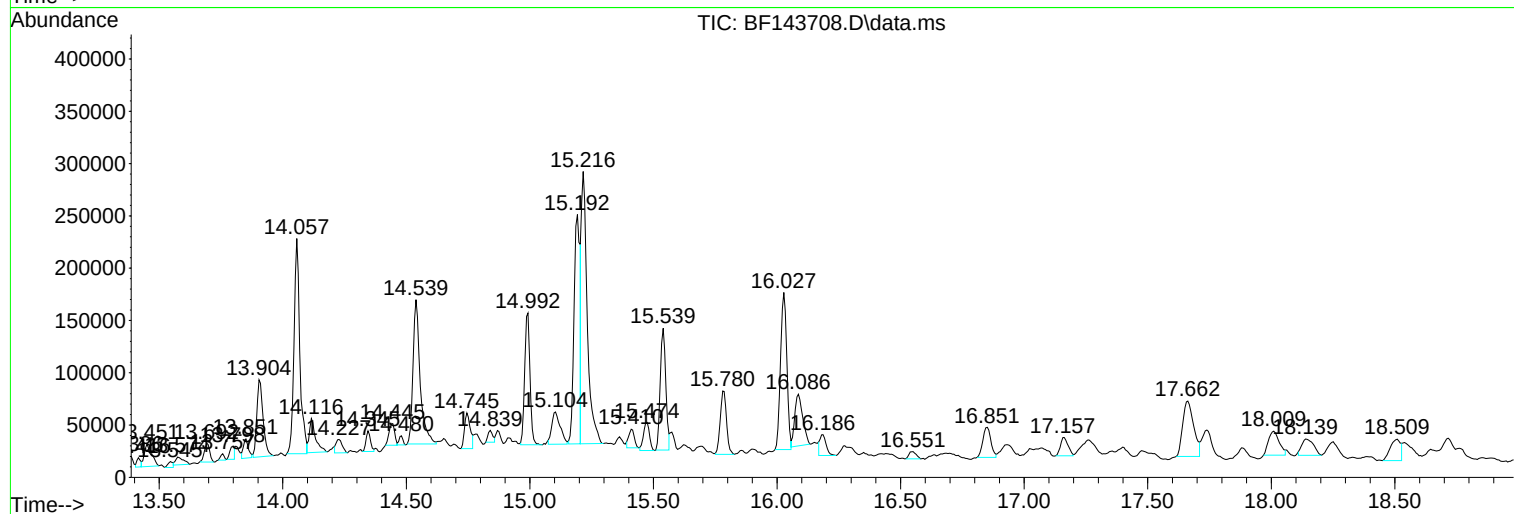
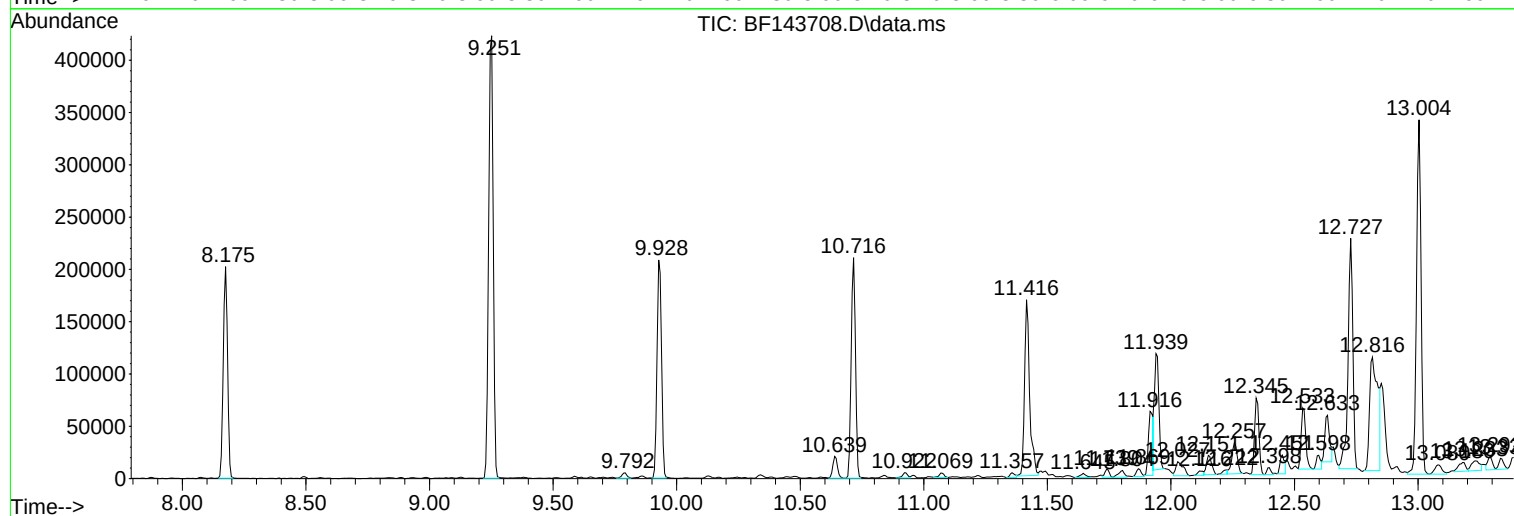
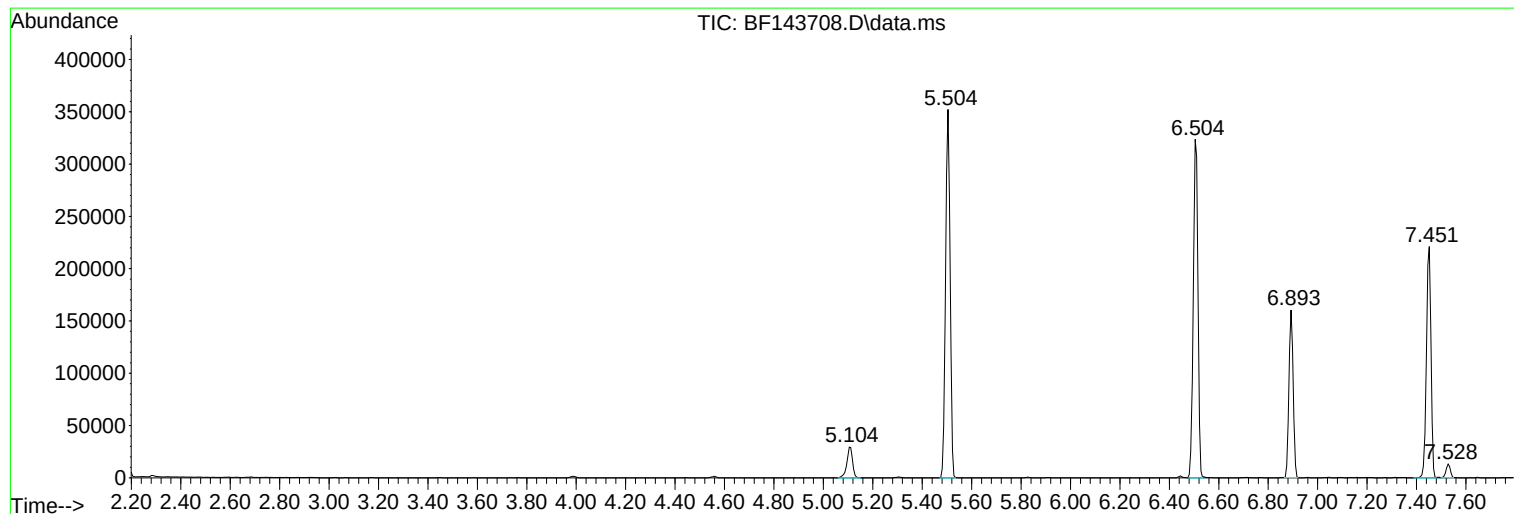
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Sample : Q3065-01
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Instrument :
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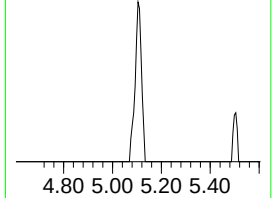
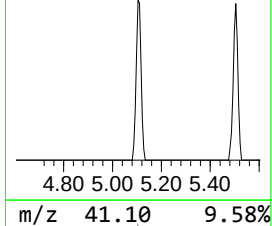
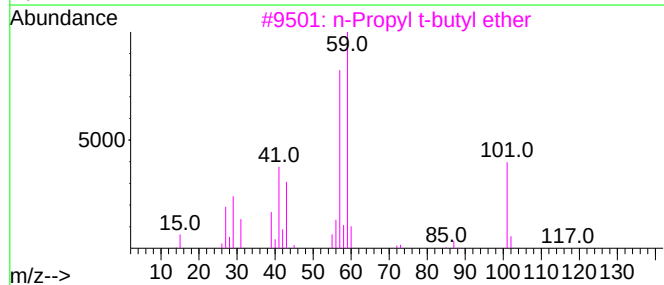
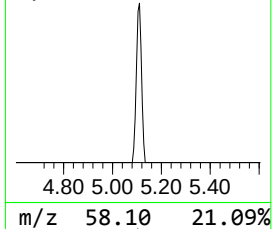
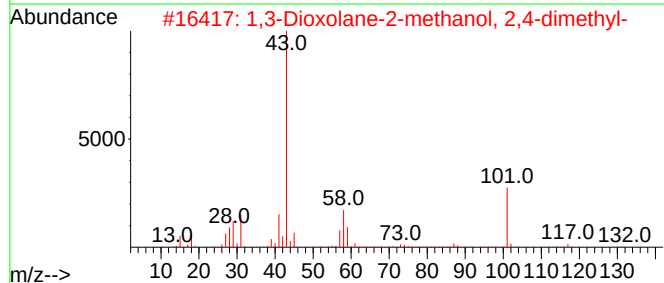
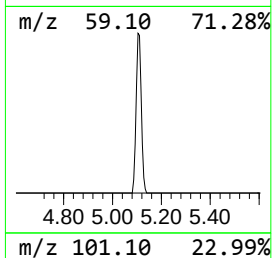
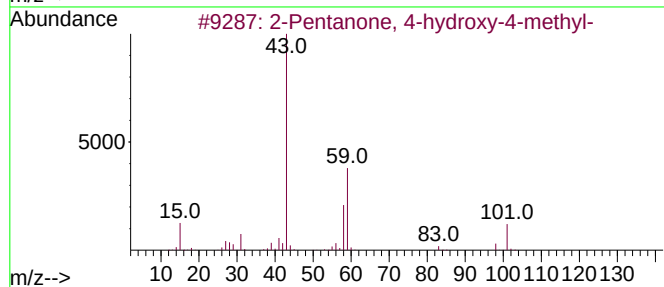
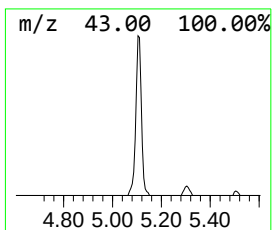
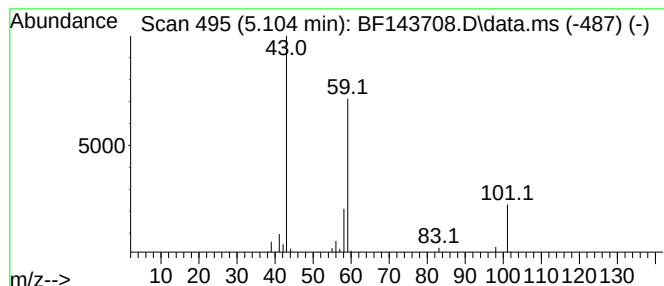
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	4.87 ng	46482	1,4-Dichlorobenzene-d4	6.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4			Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	16
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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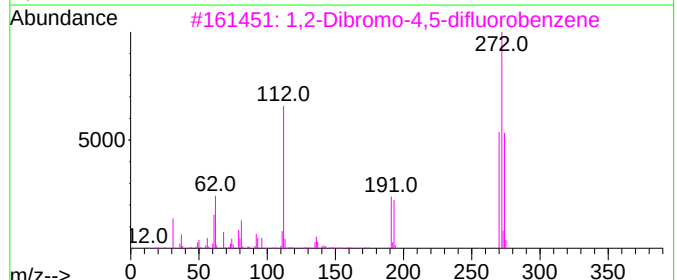
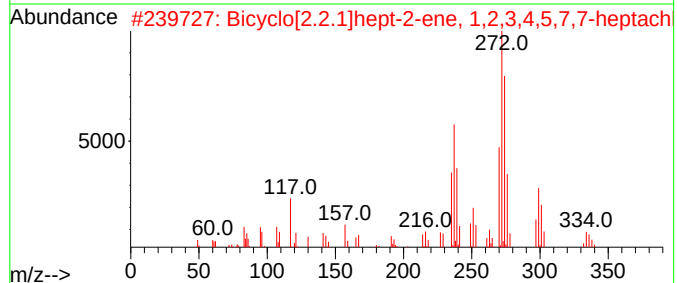
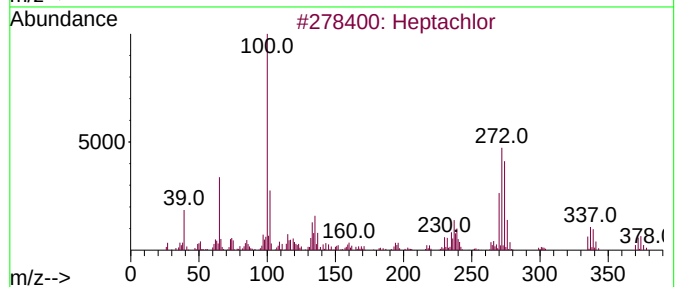
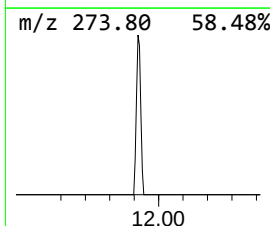
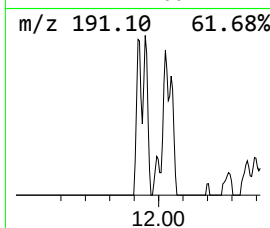
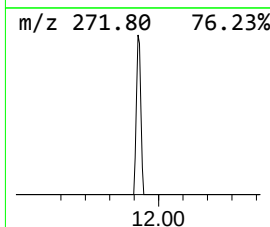
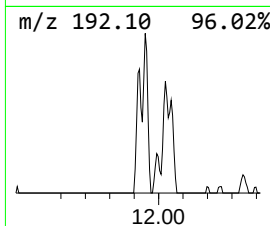
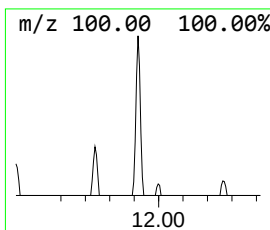
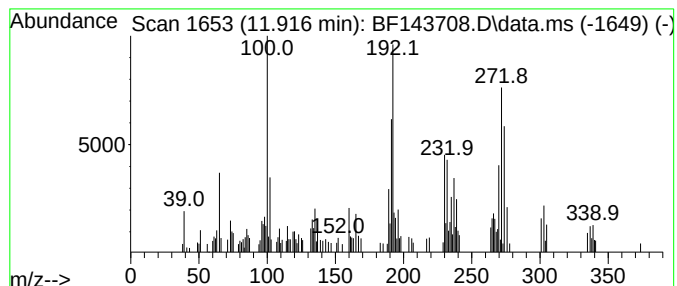
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptachlor Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	6.68 ng	81257	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptachlor	370	C10H5Cl7	000076-44-8	95
2			Bicyclo[2.2.1]hept-2-ene, 1,2,3,...	332	C7H3Cl7	005202-36-8	30
3			1,2-Dibromo-4,5-difluorobenzene	270	C6H2Br2F2	064695-78-9	25
4			4-Hydroxy-2',3,5'-trichlorobiphenyl	272	C12H7Cl3O	078143-73-4	18
5			3-Hydroxy-2',4',6'-trichlorobiph...	272	C12H7Cl3O	014962-30-2	18



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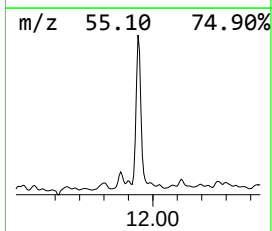
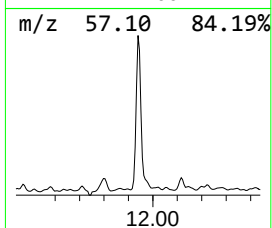
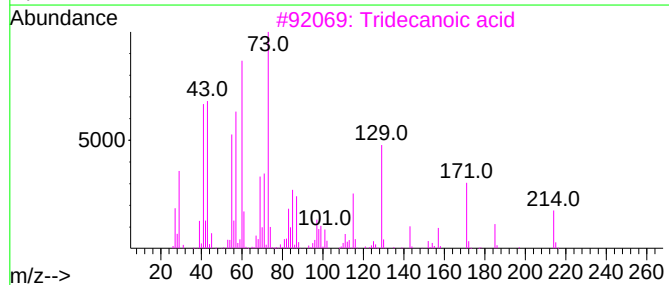
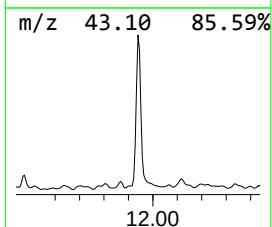
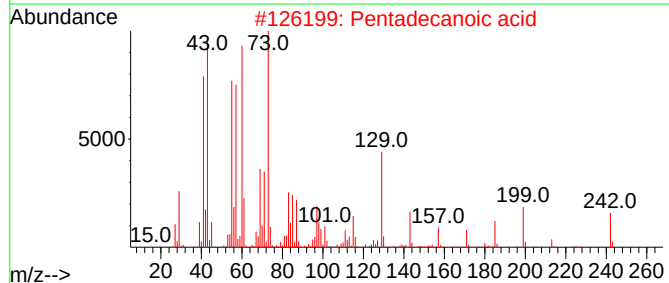
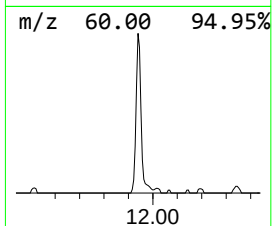
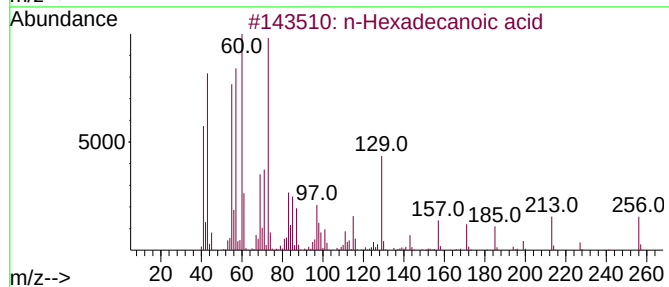
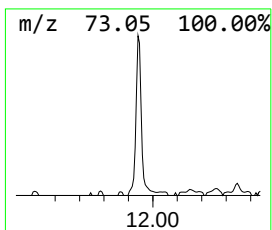
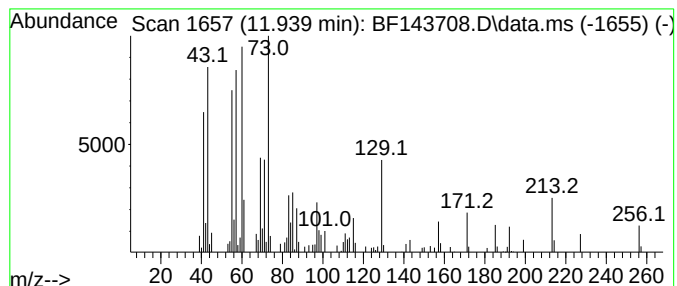
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	11.24 ng	136703	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	92
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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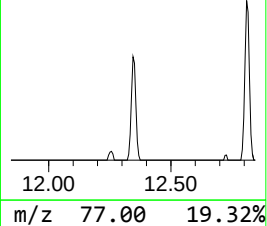
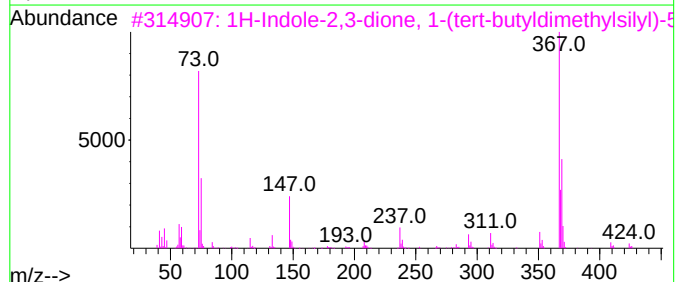
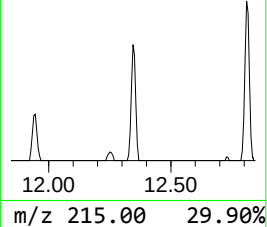
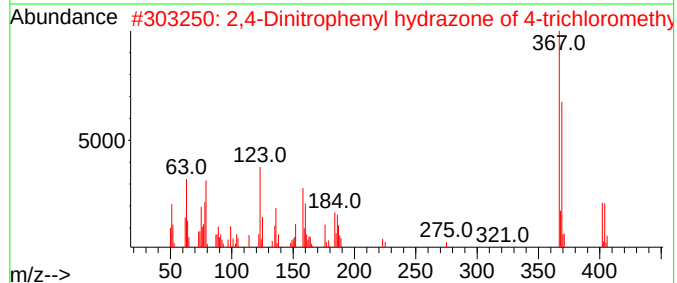
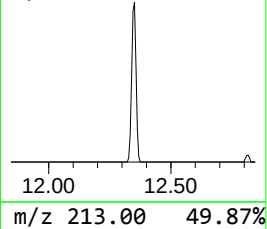
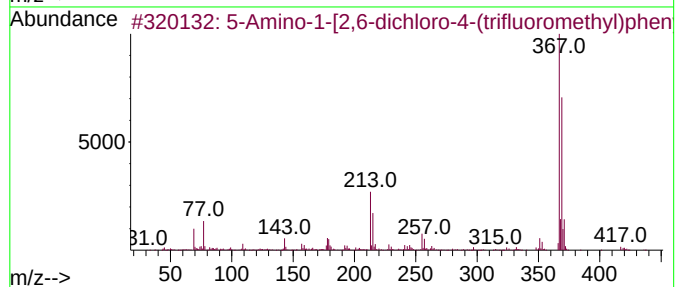
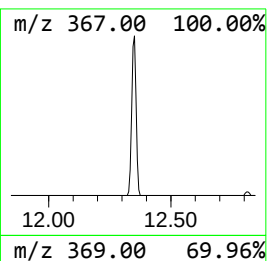
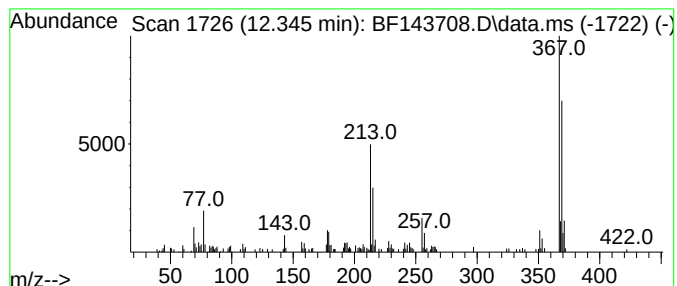
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5-Amino-1-[2,6-dichloro-4-(... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	7.35 ng	89462	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Amino-1-[2,6-dichloro-4-(trifl...	436	C12H4Cl2F6N4OS	120068-37-3	87
2			2,4-Dinitrophenyl hydrazone of 4...	402	C14H9Cl3N4O4	080783-33-1	28
3			1H-Indole-2,3-dione, 1-(tert-but...	424	C20H33ClN2O2Si2	1000143-11-6	25
4			7H-Dinaphtho[2,3-b:2',3'-h]carba...	367	C28H17N	000242-45-5	22
5			(3-Bromo-5-chloro-2-hydroxypheny...	424	C19H22BrClO2Si	1000462-70-7	13



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

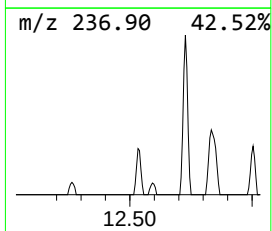
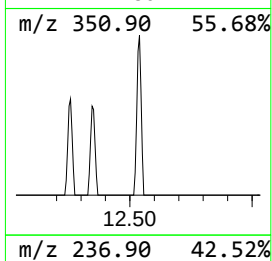
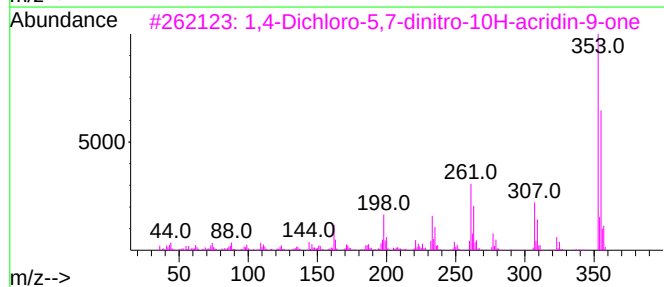
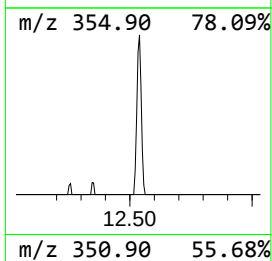
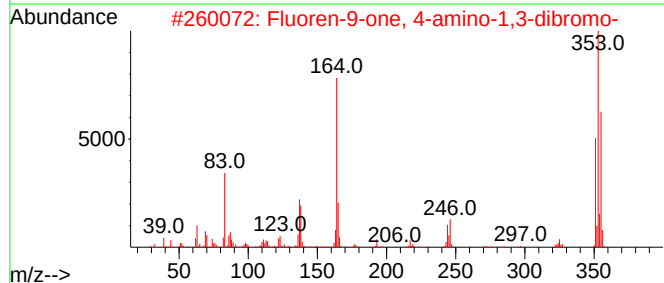
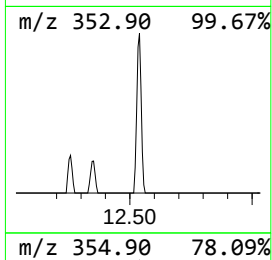
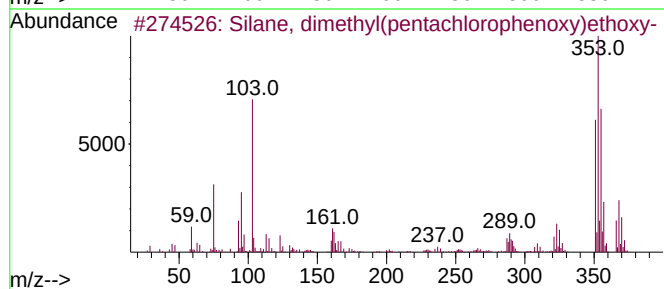
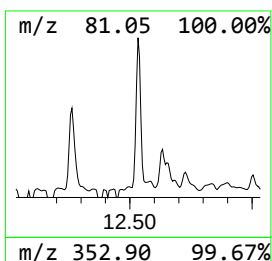
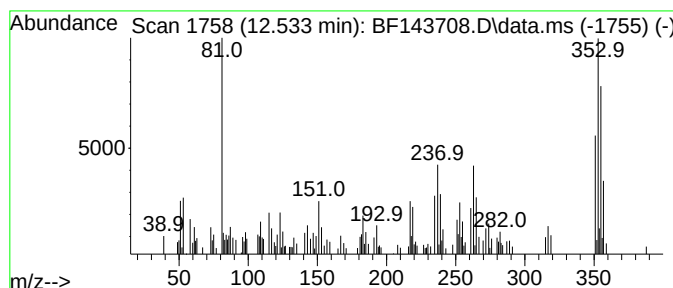
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown12.533 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	6.18 ng	75133	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, dimethyl(pentachlorophen...	366	C10H11Cl5O2Si	1010347-47-6	38
2			Fluoren-9-one, 4-amino-1,3-dibromo-	351	C13H7Br2NO	1000305-07-2	35
3			1,4-Dichloro-5,7-dinitro-10H-acr...	353	C13H5Cl2N3O5	148877-13-8	25
4			2,6-Dibromo-4-nitroaniline, N-tr...	366	C9H12Br2N2O2Si	1010461-70-0	22
5			10H-Acridine-9-one, 4,5-dibromo-	351	C13H7Br2NO	1000164-78-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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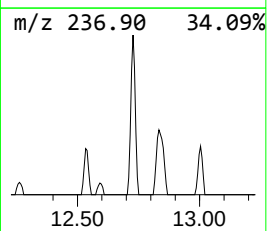
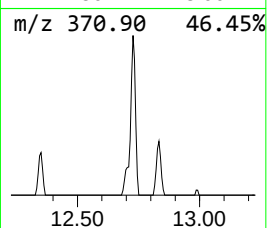
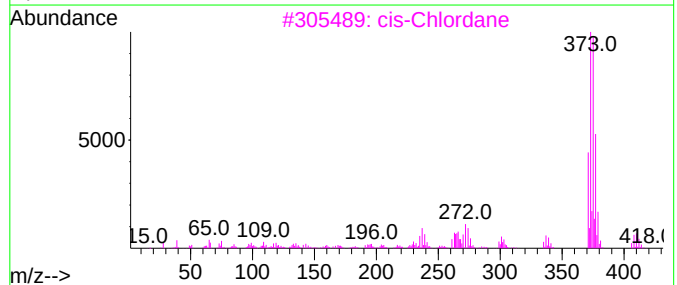
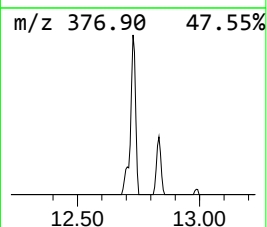
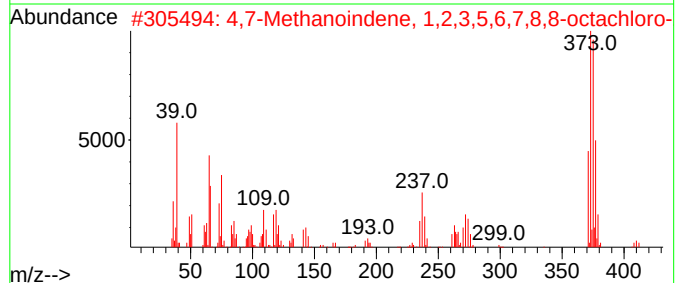
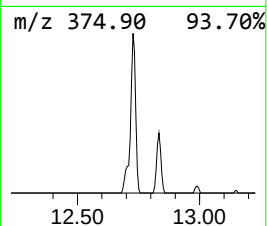
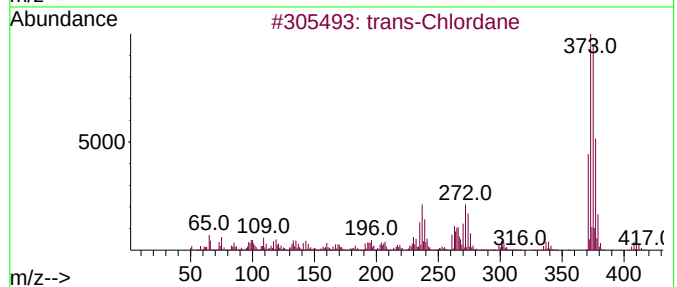
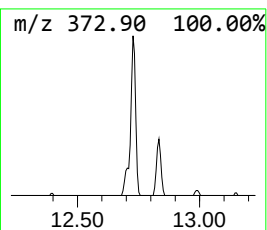
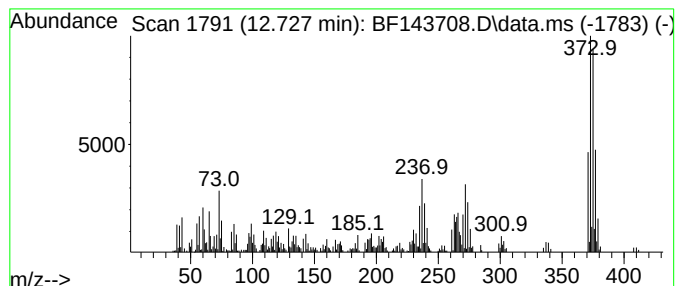
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 trans-Chlordane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	24.65 ng	299864	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2			4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	96
3			cis-Chlordane	406	C10H6Cl8	005103-71-9	95
4			Chlordane	406	C10H6Cl8	000057-74-9	91
5			Monomethyltetrachloroterephthala...	388	C12H12Cl4O4Si	1000485-37-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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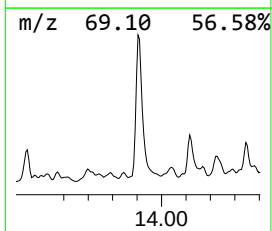
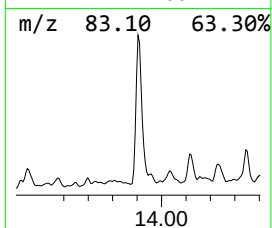
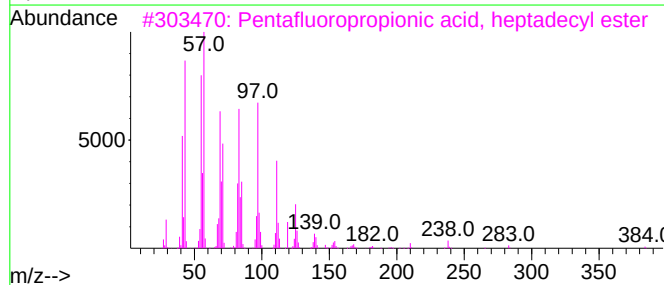
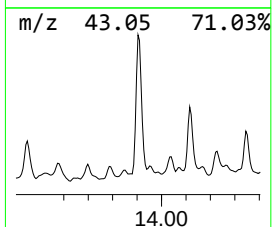
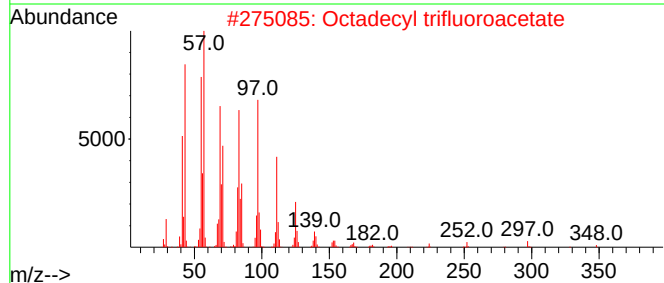
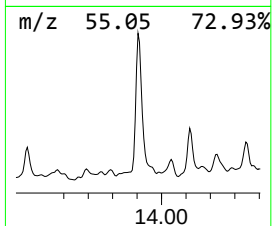
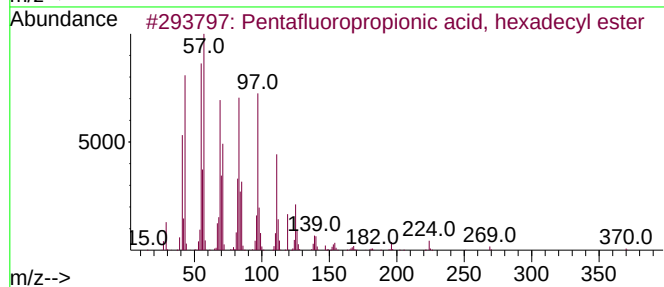
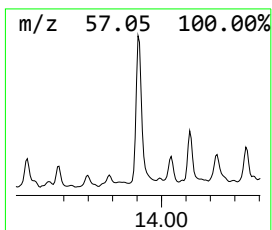
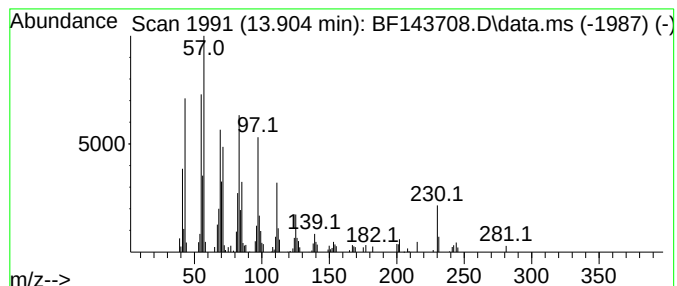
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	7.50 ng	128737	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
2			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
3			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
4			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5			1-Pentadecanethiol	244	C15H32S	025276-70-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-204

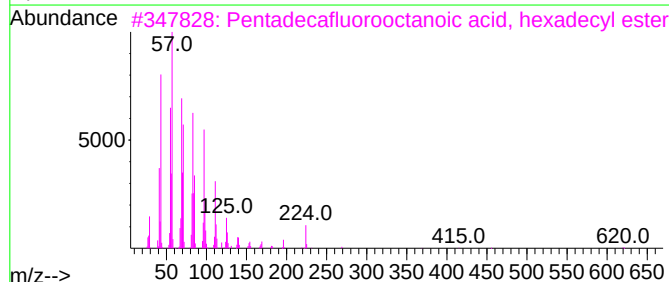
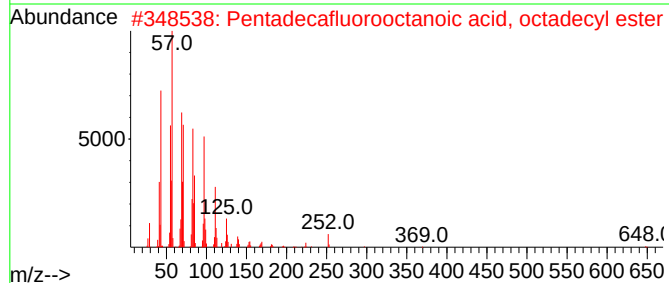
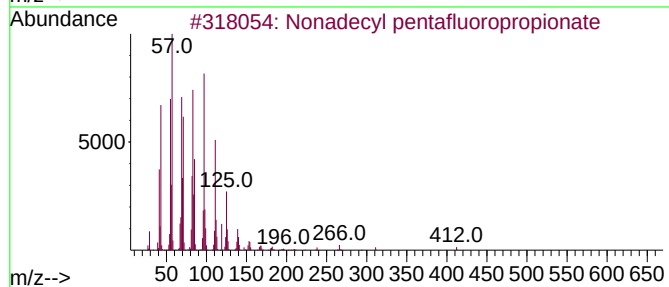
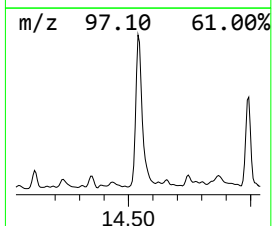
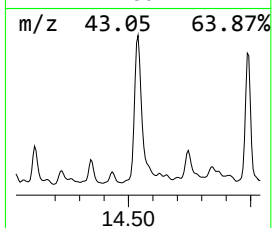
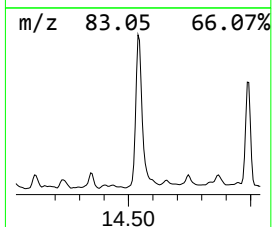
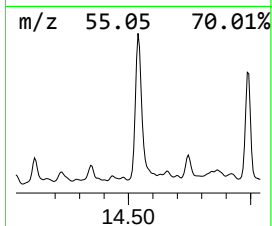
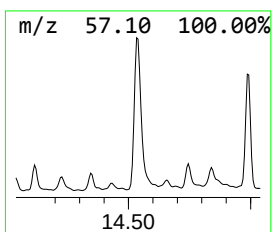
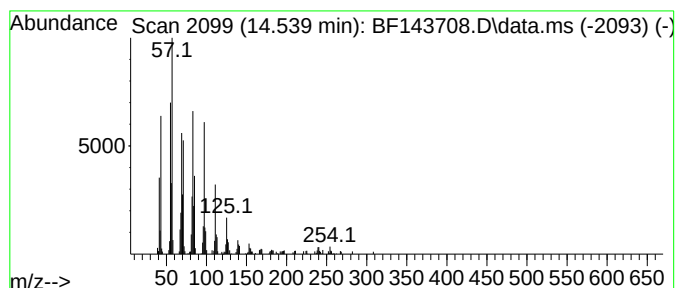
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonadecyl pentafluoropropio... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	16.29 ng	279496	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	95
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3			Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

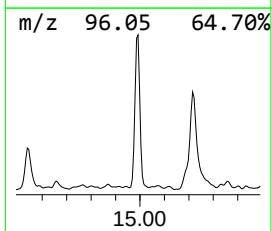
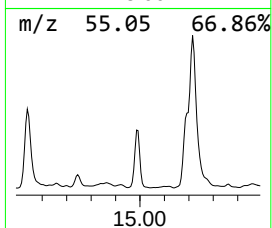
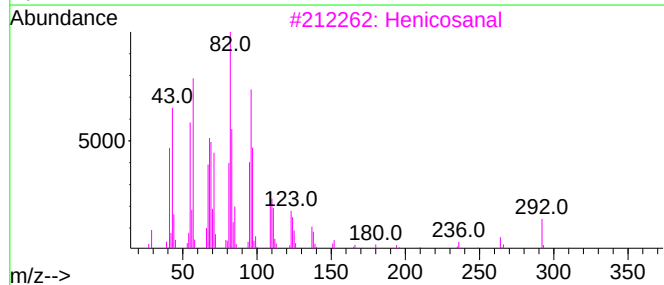
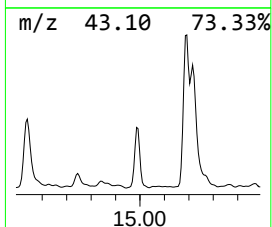
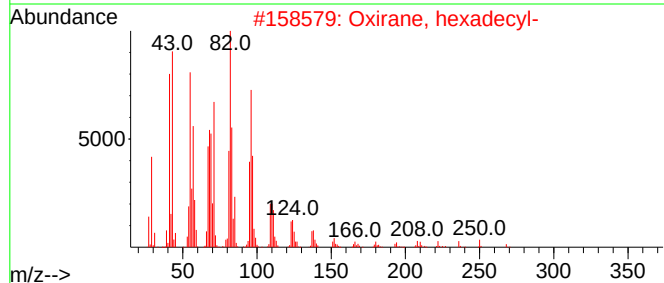
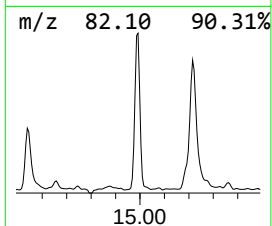
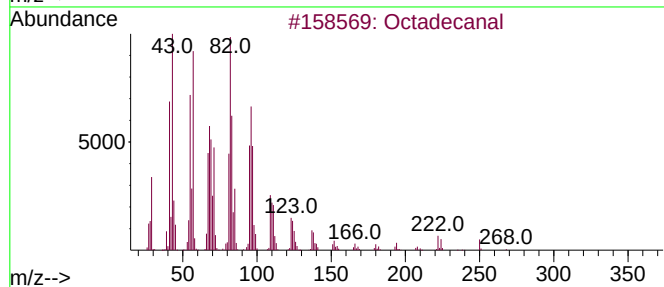
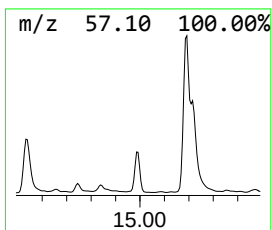
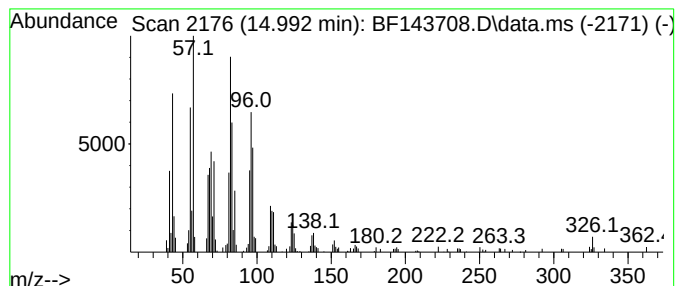
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	20.54 ng	185075	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal			268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-			268	C18H36O	007390-81-0	91
3	Henicosanal			310	C21H42O	051227-32-8	91
4	Hexacosanal			380	C26H52O	026627-85-0	90
5	Eicosanal-			296	C20H40O	002400-66-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
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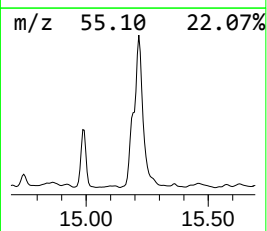
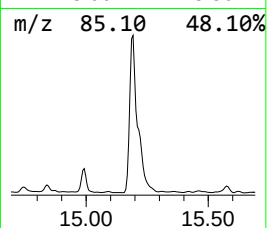
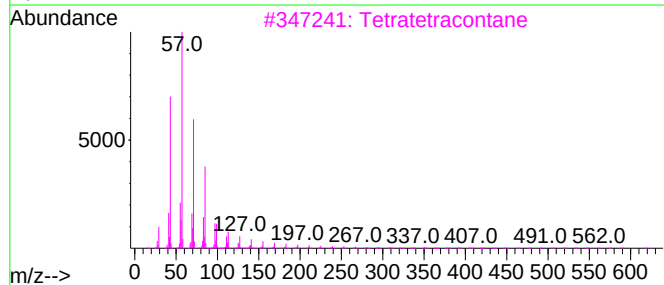
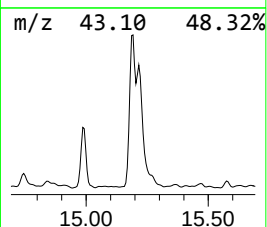
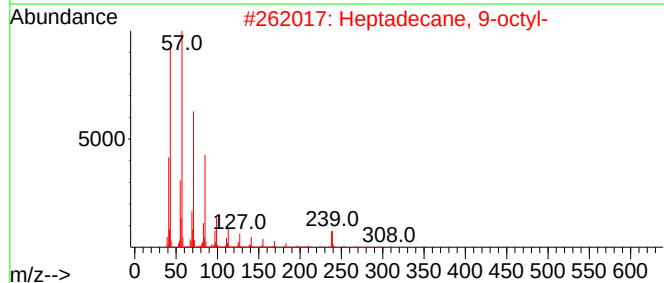
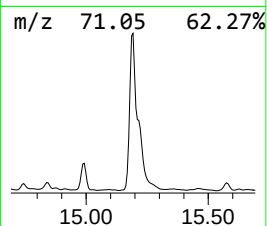
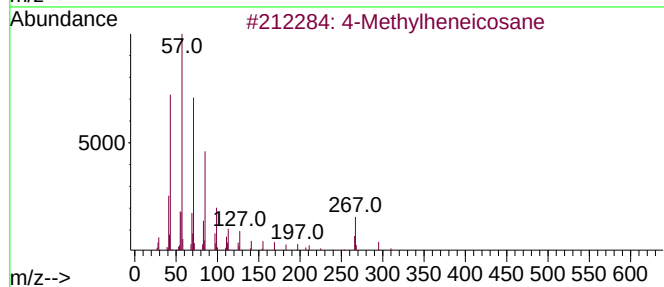
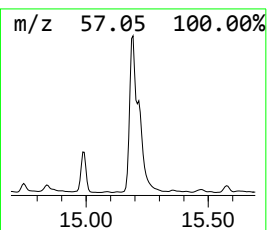
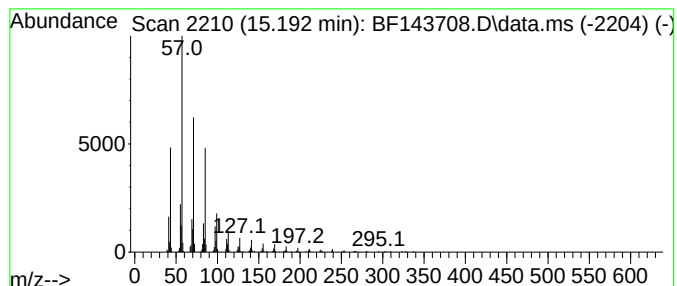
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4-Methylheneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.192	41.67 ng	375399	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylheneicosane	310	C22H46	025117-29-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

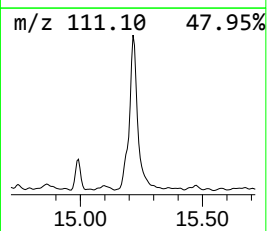
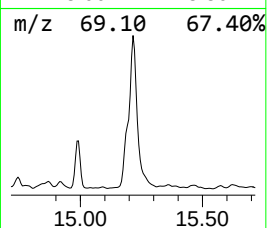
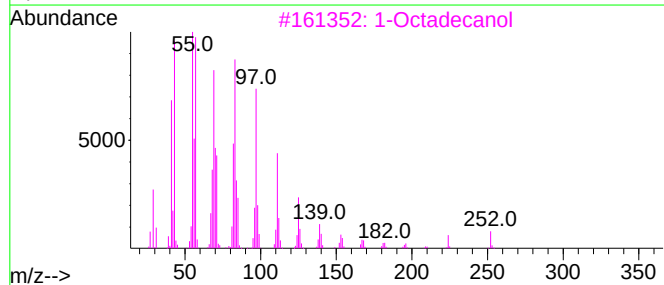
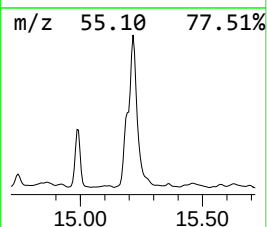
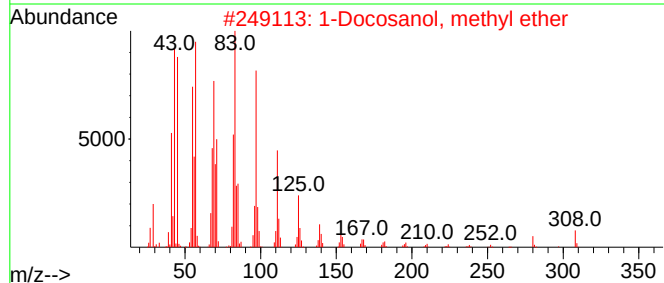
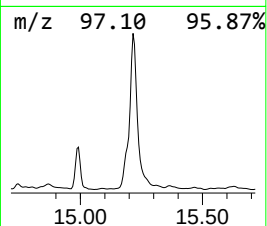
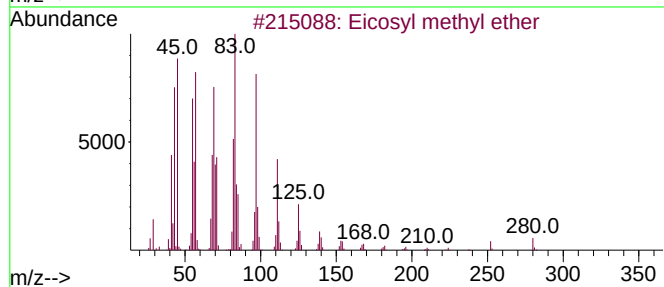
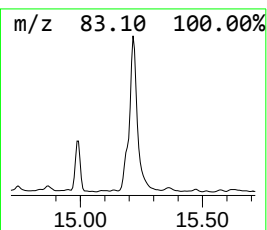
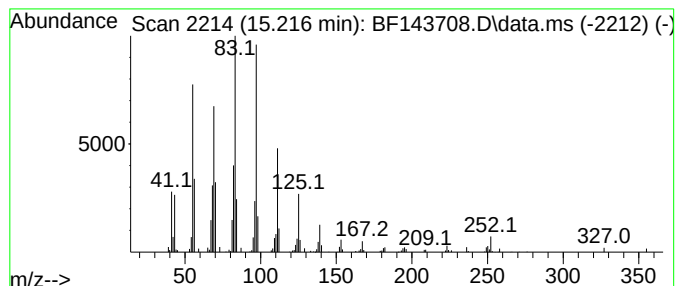
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Eicosyl methyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	48.01 ng	432472	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosyl methyl ether	312	C21H44O	1000406-29-4	58
2			1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	58
3			1-Octadecanol	270	C18H38O	000112-92-5	53
4			1-Heneicosanol	312	C21H44O	015594-90-8	49
5			1-Nonadecene	266	C19H38	018435-45-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

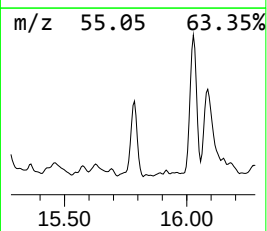
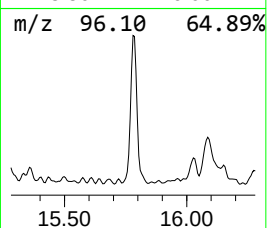
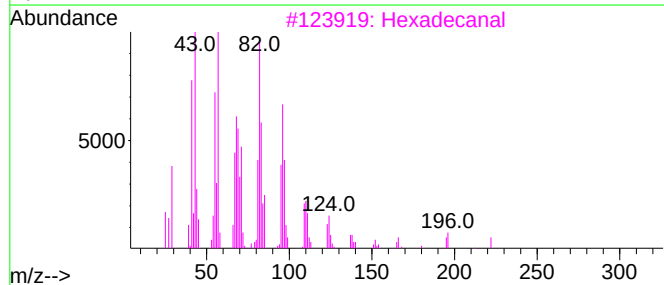
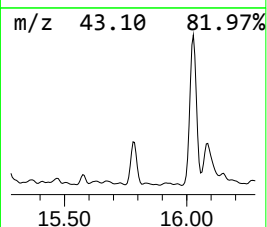
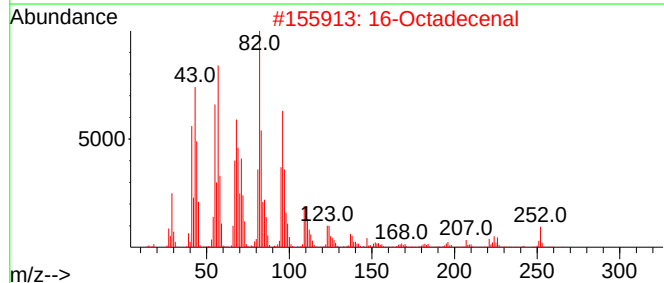
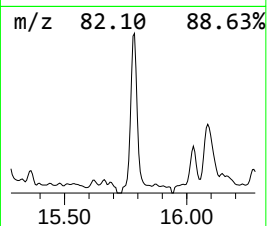
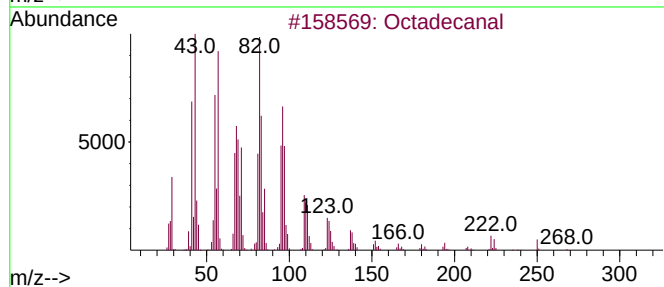
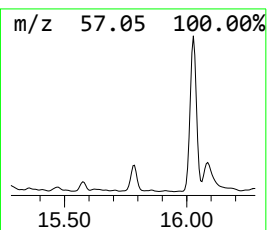
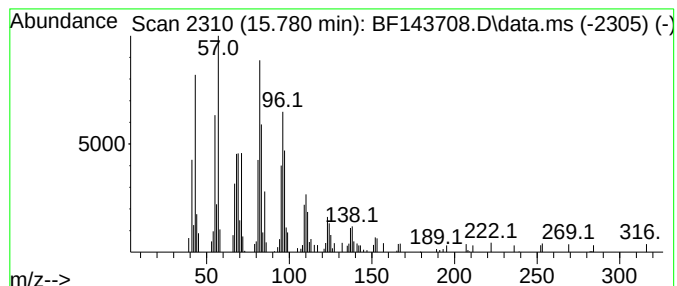
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 16-Octadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.780	11.94 ng	107592	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			16-Octadecenal	266	C18H34O	056554-87-1	91
3			Hexadecanal	240	C16H32O	000629-80-1	90
4			Eicosanal-	296	C20H40O	002400-66-0	87
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

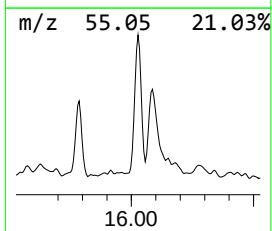
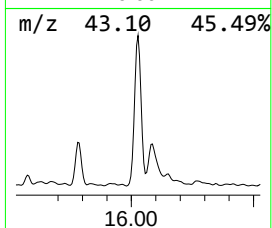
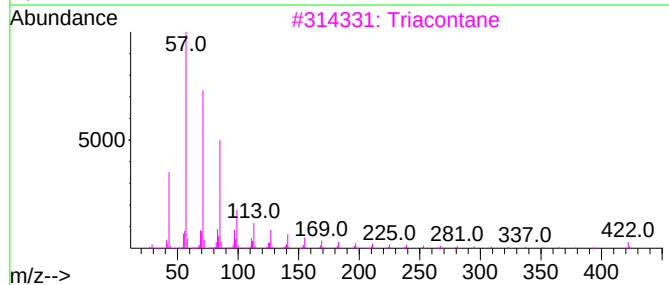
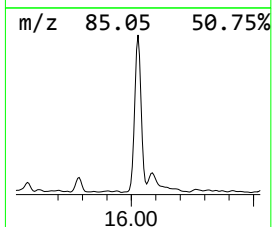
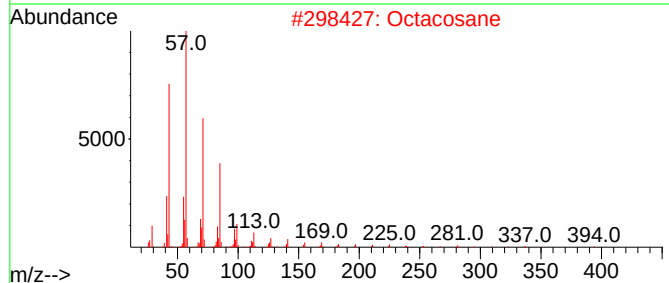
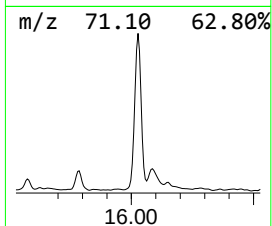
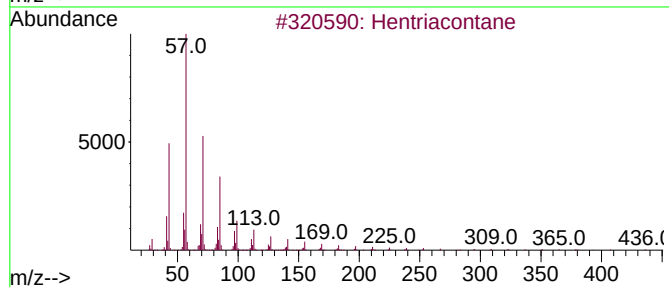
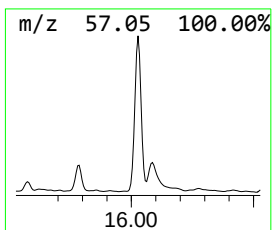
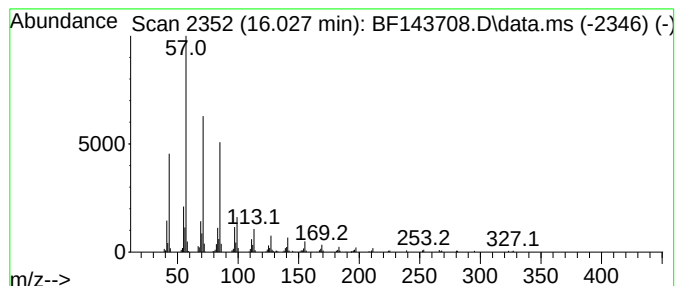
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.027	29.47 ng	265468	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hentriacontane	437	C31H64	000630-04-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

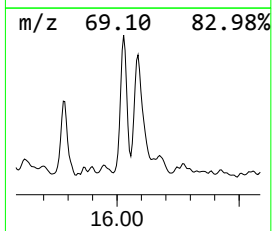
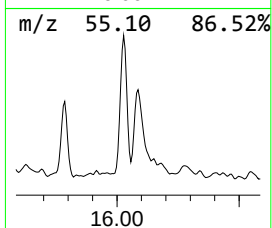
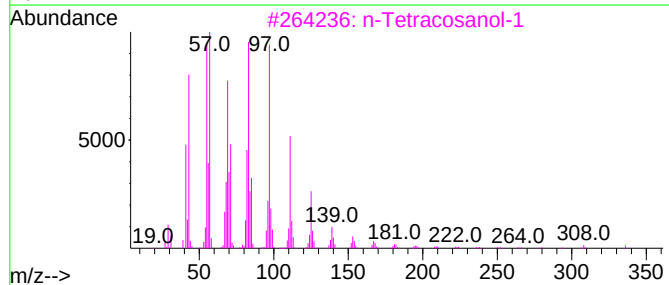
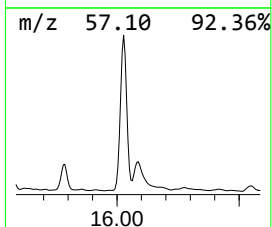
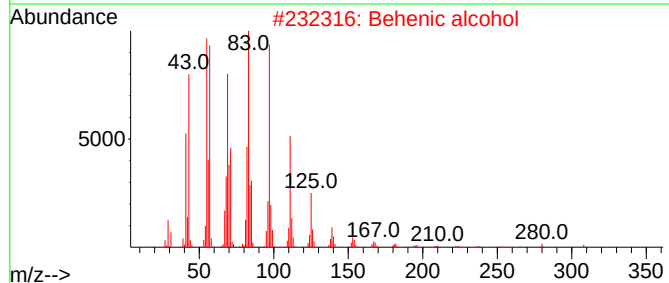
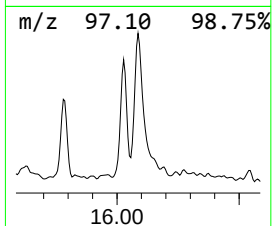
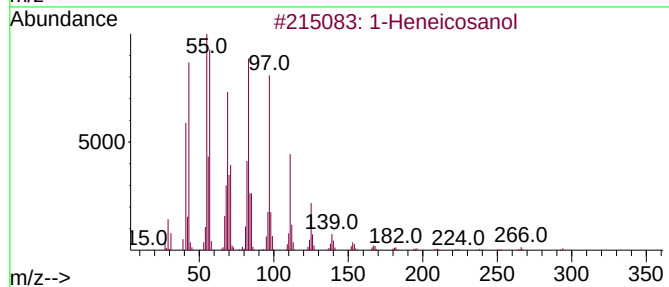
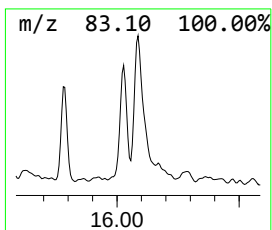
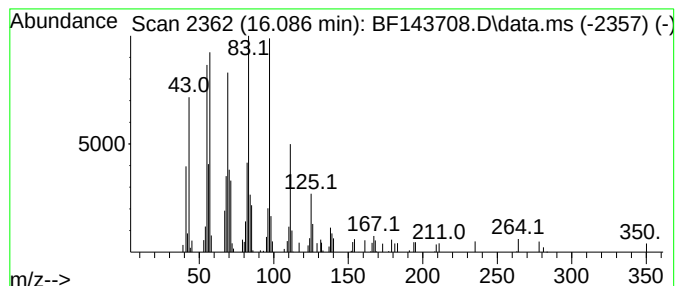
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	12.20 ng	109947	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		5-Fluoro-3-trifluoromethylbenzoi...	474	C27H42F4O2	1000338-91-1	91
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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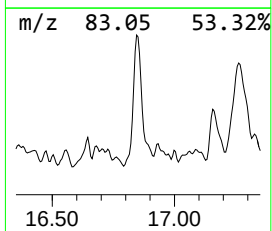
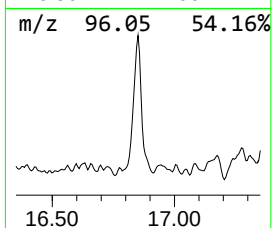
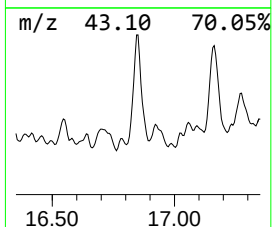
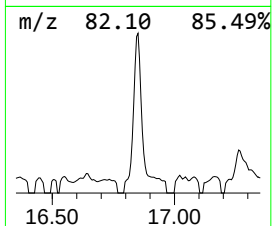
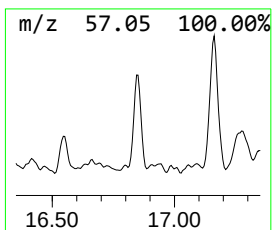
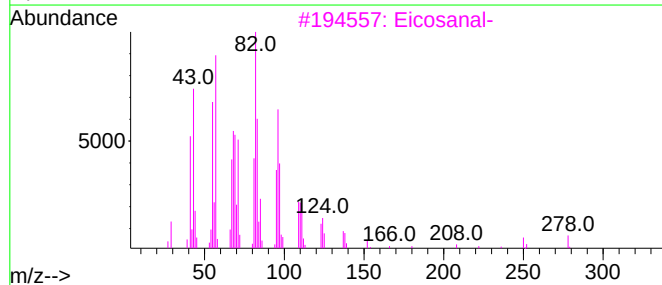
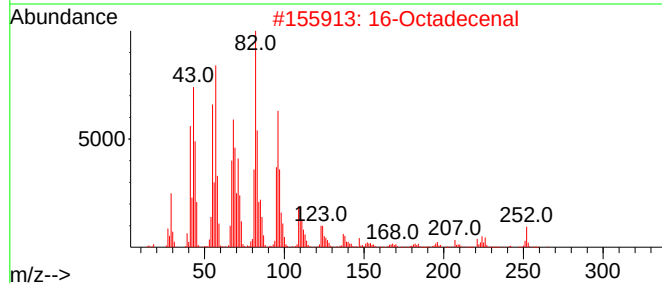
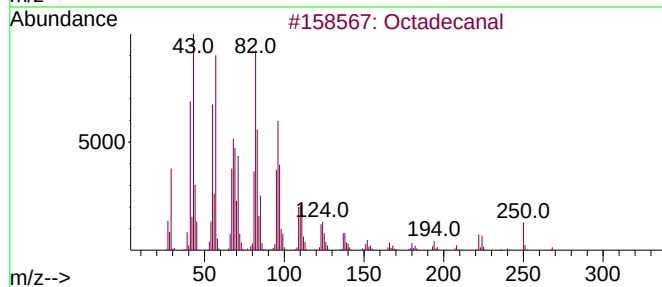
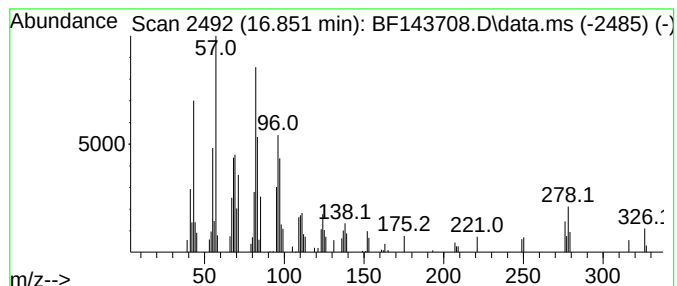
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Eicosanal- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	7.23 ng	65088	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanal	268	C18H36O	000638-66-4	74
2		16-Octadecenal	266	C18H34O	056554-87-1	74
3		Eicosanal-	296	C20H40O	002400-66-0	64
4		Tetradecanal	212	C14H28O	000124-25-4	58
5		17-Octadecenal	266	C18H34O	056554-86-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

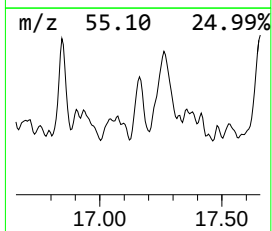
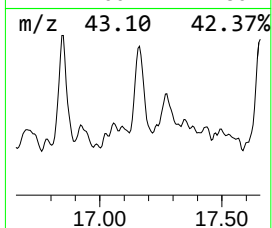
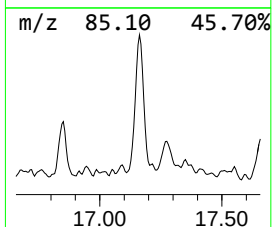
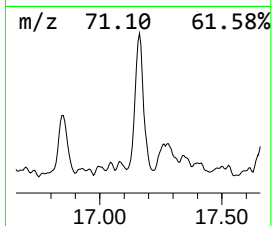
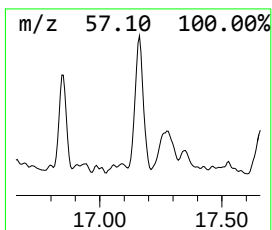
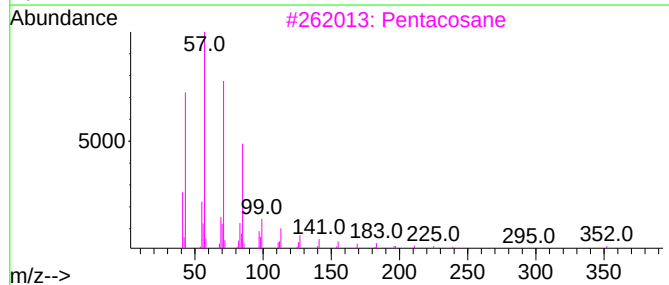
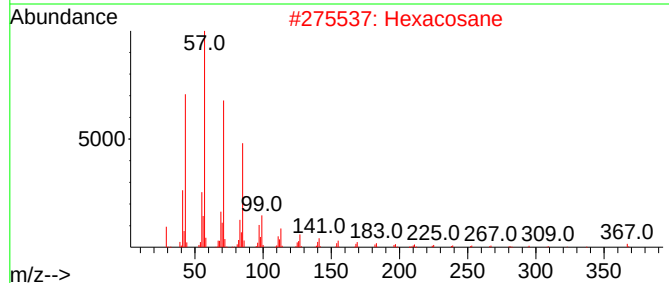
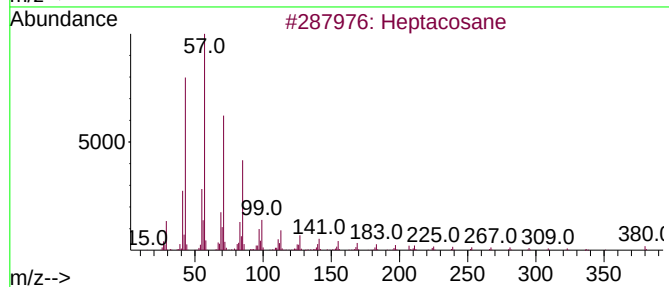
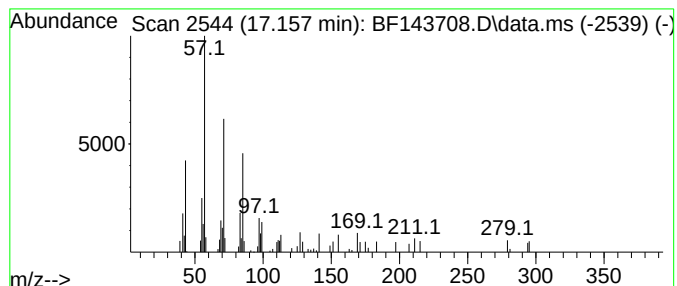
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.157	4.22 ng	37979	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Hexacosane	366	C26H54	000630-01-3	83
3	Pentacosane	352	C25H52	000629-99-2	83
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

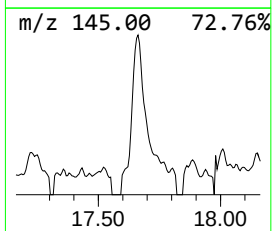
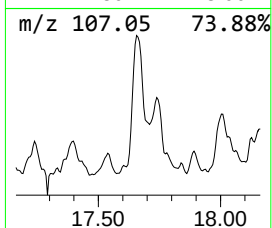
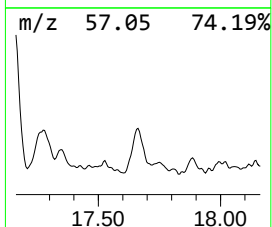
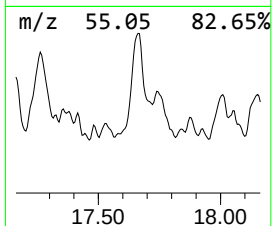
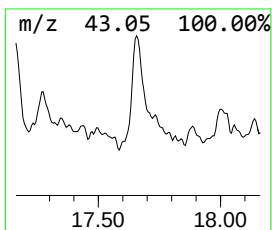
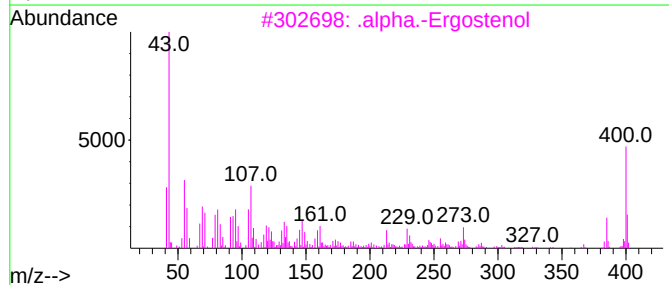
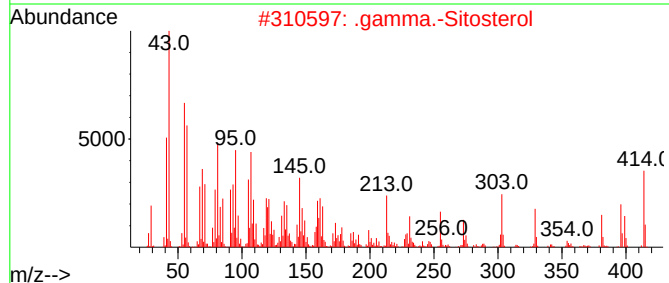
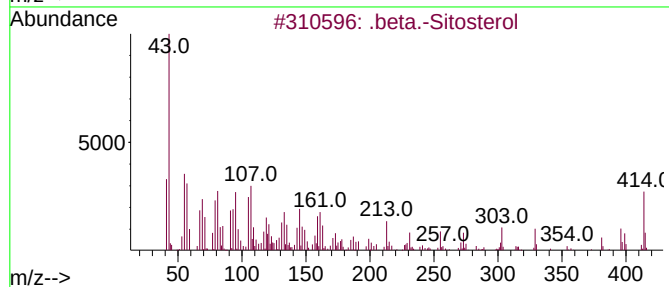
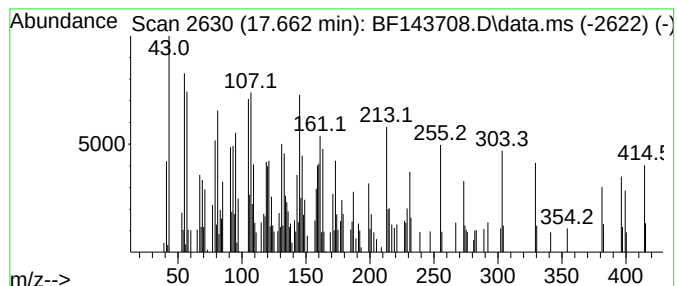
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 .beta.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.662	18.21 ng	164079	Perylene-d12		15.539	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol		414	C29H50O	000083-46-5	97
2	.gamma.-Sitosterol		414	C29H50O	000083-47-6	86
3	.alpha.-Ergosterol		400	C28H48O	000632-32-6	43
4	N-Nitrosotomatidine		444	C27H44N2O3	004847-05-6	27
5	.beta.-Sitosterol acetate		456	C31H52O2	000915-05-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

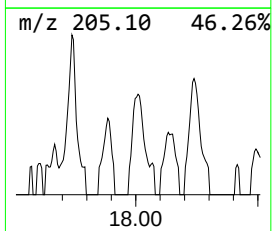
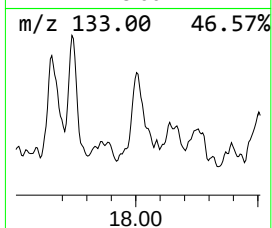
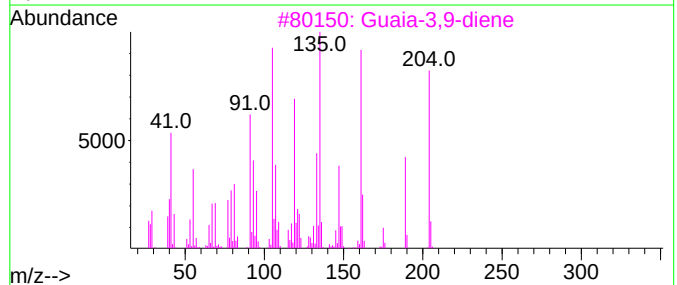
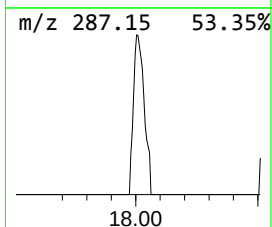
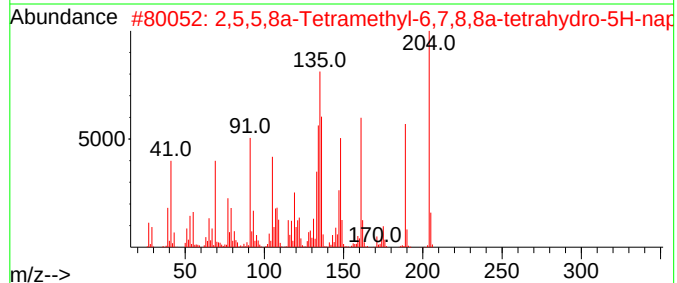
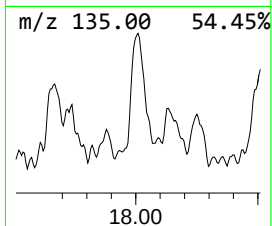
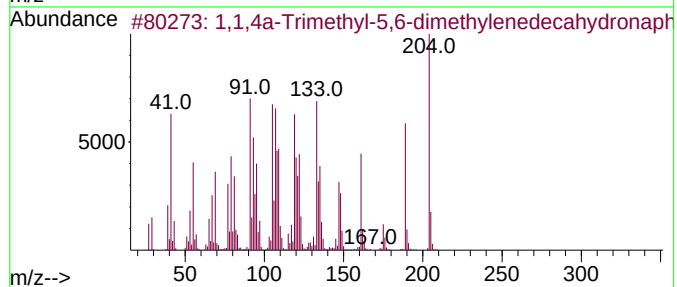
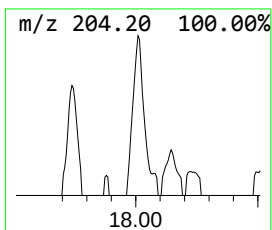
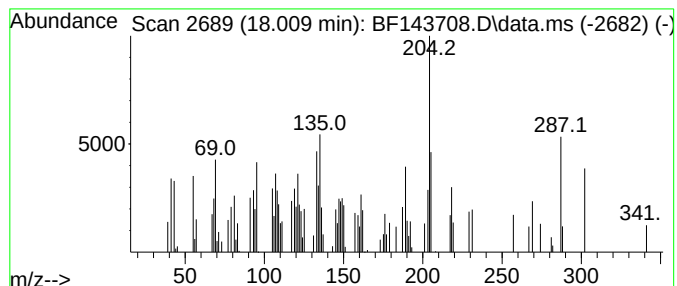
Instrument :
BNA_F
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.009	7.72 ng	69562	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
2	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	50
3	Guaia-3,9-diene	204	C15H24	000489-83-8	47
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43
5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

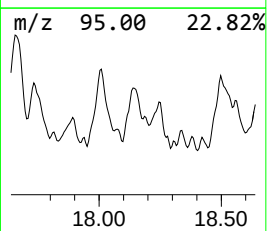
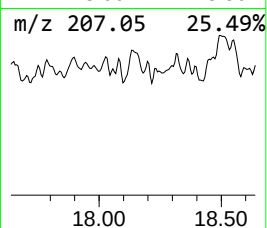
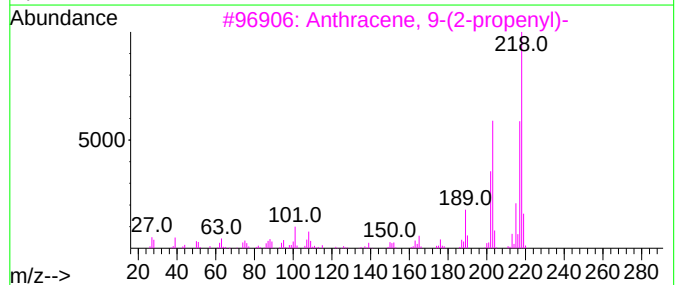
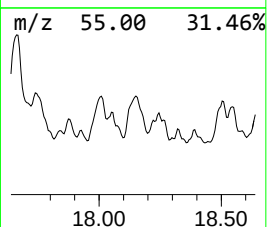
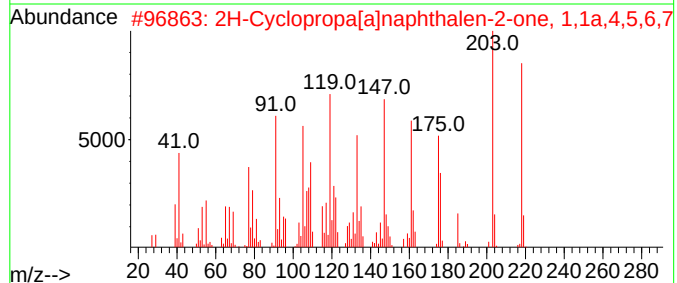
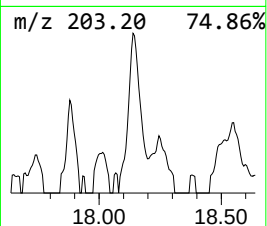
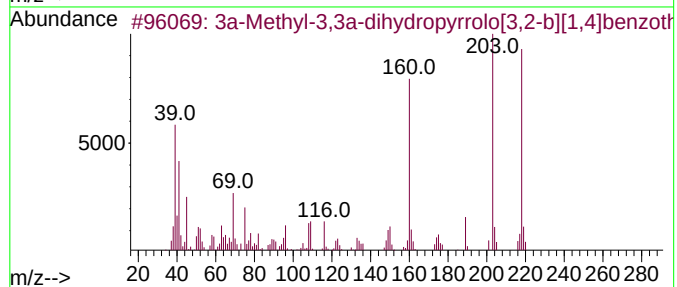
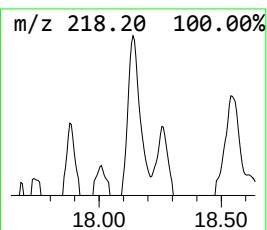
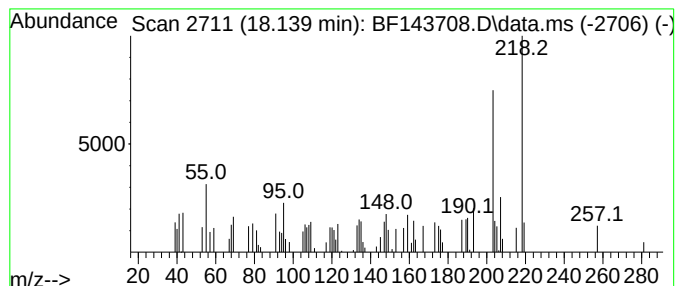
Instrument :
BNA_F
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 3a-Methyl-3,3a-dihydropyrro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.139	5.69 ng	51244	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a-Methyl-3,3a-dihydropyrrolo[3,...	218	C11H10N2O5	017163-68-7	58
2	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	52
3	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	52
4	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	46
5	Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

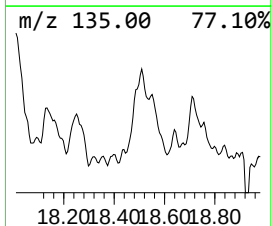
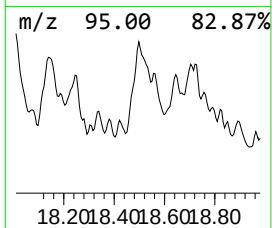
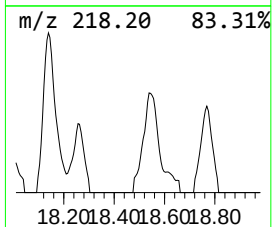
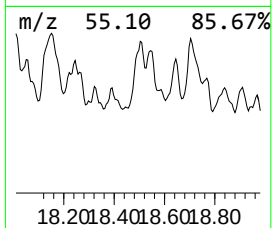
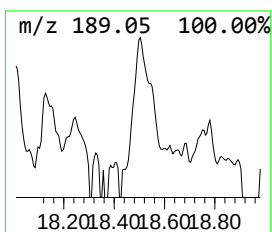
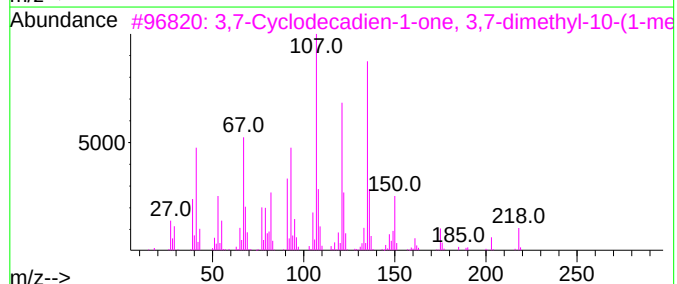
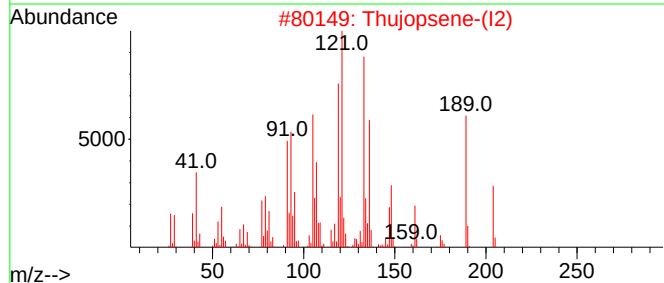
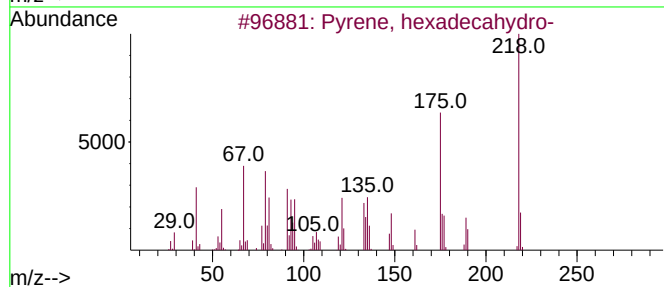
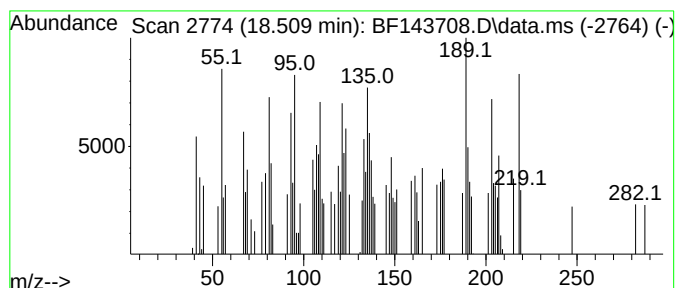
Instrument :
BNA_F
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown18.509 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.509	6.78 ng	61115	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	46
2	Thujopsene-(I2)	204	C15H24	1010152-20-4	44
3	3,7-Cyclodecadien-1-one, 3,7-dim...	218	C15H22O	006902-91-6	44
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	42
5	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.104	4.9	ng	46482	1	6.893	190738	20.0
Heptachlor	11.916	6.7	ng	81257	4	11.416	243295	20.0
n-Hexadecanoic ...	11.939	11.2	ng	136703	4	11.416	243295	20.0
5-Amino-1-[2,6-...	12.345	7.3	ng	89462	4	11.416	243295	20.0
unknown12.533	12.533	6.2	ng	75133	4	11.416	243295	20.0
trans-Chlordane	12.727	24.6	ng	299864	4	11.416	243295	20.0
Pentafluoroprop...	13.904	7.5	ng	128737	5	14.057	343118	20.0
Nonadecyl penta...	14.539	16.3	ng	279496	5	14.057	343118	20.0
Octadecanal	14.992	20.5	ng	185075	6	15.539	180171	20.0
4-Methylheneico...	15.192	41.7	ng	375399	6	15.539	180171	20.0
Eicosyl methyl ...	15.216	48.0	ng	432472	6	15.539	180171	20.0
16-Octadecenal	15.780	11.9	ng	107592	6	15.539	180171	20.0
Hentriacontane	16.027	29.5	ng	265468	6	15.539	180171	20.0
1-Heneicosanol	16.086	12.2	ng	109947	6	15.539	180171	20.0
Eicosanal-	16.851	7.2	ng	65088	6	15.539	180171	20.0
Heptacosane	17.157	4.2	ng	37979	6	15.539	180171	20.0
.beta.-Sitosterol	17.662	18.2	ng	164079	6	15.539	180171	20.0
1,1,4a-Trimethy...	18.009	7.7	ng	69562	6	15.539	180171	20.0
3a-Methyl-3,3a-...	18.139	5.7	ng	51244	6	15.539	180171	20.0
unknown18.509	18.509	6.8	ng	61115	6	15.539	180171	20.0