

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144369.D
 Acq On : 26 Nov 2025 19:13
 Operator : RC/JU
 Sample : Q3719-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-14A

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144369.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	484	490	500	rBV	210222	315637	27.36%	2.255%
2	5.487	555	560	582	rVB	703336	965280	83.68%	6.896%
3	6.492	726	731	753	rBV	726774	993569	86.14%	7.098%
4	6.863	789	794	800	rBV	237040	304238	26.38%	2.173%
5	7.422	884	889	900	rBV	488339	636680	55.20%	4.548%
6	8.145	1004	1012	1020	rBV	286298	421708	36.56%	3.013%
7	9.216	1189	1194	1204	rBV	908869	1153493	100.00%	8.240%
8	9.763	1283	1287	1292	rBV	16148	19517	1.69%	0.139%
9	9.898	1305	1310	1315	rBV	314963	402320	34.88%	2.874%
10	10.104	1341	1345	1349	rBV2	8801	11722	1.02%	0.084%
11	10.322	1375	1382	1386	rBV4	7802	14513	1.26%	0.104%
12	10.451	1399	1404	1410	rVB2	11500	17127	1.48%	0.122%
13	10.616	1426	1432	1437	rBV	89492	119101	10.33%	0.851%
14	10.692	1440	1445	1458	rVV	442004	583457	50.58%	4.168%
15	10.804	1459	1464	1472	rVB5	12159	25899	2.25%	0.185%
16	10.922	1480	1484	1489	rVB	15083	20622	1.79%	0.147%
17	10.998	1489	1497	1500	rBV4	7010	13931	1.21%	0.100%
18	11.198	1527	1531	1535	rBV	9811	12365	1.07%	0.088%
19	11.245	1535	1539	1543	rBV4	13495	19317	1.67%	0.138%
20	11.333	1550	1554	1557	rBV2	20063	25727	2.23%	0.184%
21	11.392	1557	1564	1567	rBV	267154	412538	35.76%	2.947%
22	11.469	1573	1577	1581	rVB	23885	26198	2.27%	0.187%
23	11.627	1599	1604	1608	rBV4	14414	27949	2.42%	0.200%
24	11.845	1636	1641	1643	rBV2	20099	28340	2.46%	0.202%
25	11.880	1643	1647	1649	rVV	47417	74500	6.46%	0.532%
26	11.916	1649	1653	1660	rVV3	215472	343009	29.74%	2.450%
27	11.969	1660	1662	1665	rVV	19489	24982	2.17%	0.178%
28	12.004	1665	1668	1678	rVB3	42508	88074	7.64%	0.629%
29	12.086	1678	1682	1687	rBV4	28931	51273	4.45%	0.366%
30	12.192	1693	1700	1702	rBV	18797	29949	2.60%	0.214%
31	12.221	1702	1705	1712	rVB	12762	18583	1.61%	0.133%
32	12.445	1739	1743	1746	rBV	22076	27771	2.41%	0.198%
33	12.480	1746	1749	1751	rBV3	10479	13083	1.13%	0.093%
34	12.533	1755	1758	1763	rVB3	16801	22783	1.98%	0.163%
35	12.610	1766	1771	1775	rBV	261060	357894	31.03%	2.557%
36	12.704	1783	1787	1791	rVB	37542	45533	3.95%	0.325%

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37	12.839	1803	1810	1816	rBV	225768	336172	29.14%	2.401%
38	12.892	1816	1819	1825	rVB4	15827	19960	1.73%	0.143%
39	12.980	1825	1834	1842	rVB	726530	976246	84.63%	6.974%
40	13.057	1842	1847	1852	rBV3	30336	58921	5.11%	0.421%
41	13.163	1858	1865	1869	rVB2	36079	72066	6.25%	0.515%
42	13.233	1874	1877	1880	rVV	19745	23429	2.03%	0.167%
43	13.268	1880	1883	1891	rVB2	37919	57218	4.96%	0.409%
44	13.363	1896	1899	1902	rBV	16688	21001	1.82%	0.150%
45	13.398	1902	1905	1908	rVB2	13312	15302	1.33%	0.109%
46	13.545	1927	1930	1933	rBV4	12921	20449	1.77%	0.146%
47	13.680	1949	1953	1959	rVB	33332	45323	3.93%	0.324%
48	13.792	1967	1972	1974	rBV2	33328	52859	4.58%	0.378%
49	13.815	1974	1976	1978	rVV	12814	13976	1.21%	0.100%
50	13.880	1983	1987	1997	rVB2	90792	180147	15.62%	1.287%
51	14.039	2005	2014	2017	rBV2	399331	711993	61.72%	5.086%
52	14.192	2037	2040	2046	rBV4	25509	39323	3.41%	0.281%
53	14.427	2076	2080	2084	rBV	41776	53544	4.64%	0.382%
54	14.462	2084	2086	2089	rVB	16429	15709	1.36%	0.112%
55	14.515	2089	2095	2099	rBV5	69718	152020	13.18%	1.086%
56	15.092	2187	2193	2199	rBV	195190	441168	38.25%	3.152%
57	15.145	2199	2202	2206	rVV	134993	219646	19.04%	1.569%
58	15.192	2206	2210	2223	rVB2	86791	220210	19.09%	1.573%
59	15.398	2240	2245	2250	rVB	101665	157991	13.70%	1.129%
60	15.457	2251	2255	2261	rVV	146316	224635	19.47%	1.605%
61	15.521	2261	2266	2280	rVB2	270846	506920	43.95%	3.621%
62	15.739	2299	2303	2309	rVB5	40380	66520	5.77%	0.475%
63	15.968	2336	2342	2349	rBV	272197	501610	43.49%	3.583%
64	16.039	2350	2354	2360	rVB4	27390	56851	4.93%	0.406%
65	16.480	2424	2429	2442	rVB2	45433	107748	9.34%	0.770%
66	16.780	2475	2480	2485	rBV3	26948	54646	4.74%	0.390%
67	17.021	2515	2521	2526	rBV2	60084	131006	11.36%	0.936%
68	17.086	2527	2532	2539	rVB2	67185	145478	12.61%	1.039%
69	17.186	2542	2549	2557	rBV6	34486	116285	10.08%	0.831%
70	17.468	2592	2597	2610	rVB	36828	85720	7.43%	0.612%
71	17.603	2616	2620	2635	rVB	28896	92935	8.06%	0.664%
72	17.815	2649	2656	2668	rVB2	83685	224319	19.45%	1.602%
73	18.162	2709	2715	2724	rVB4	47559	110521	9.58%	0.790%

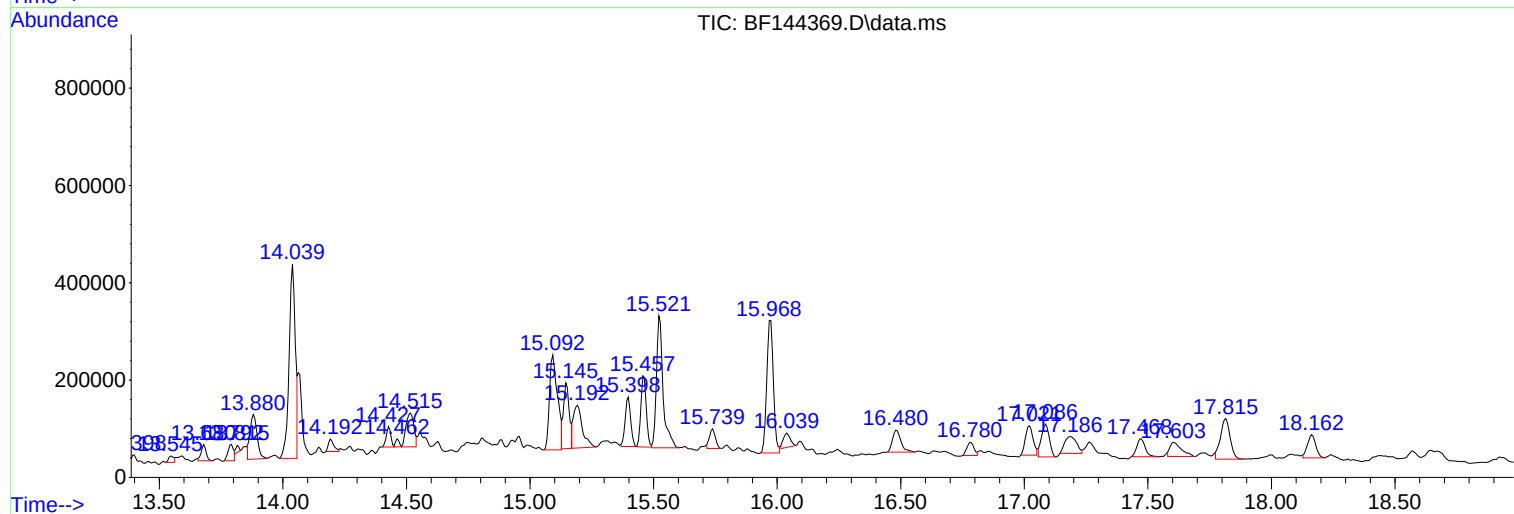
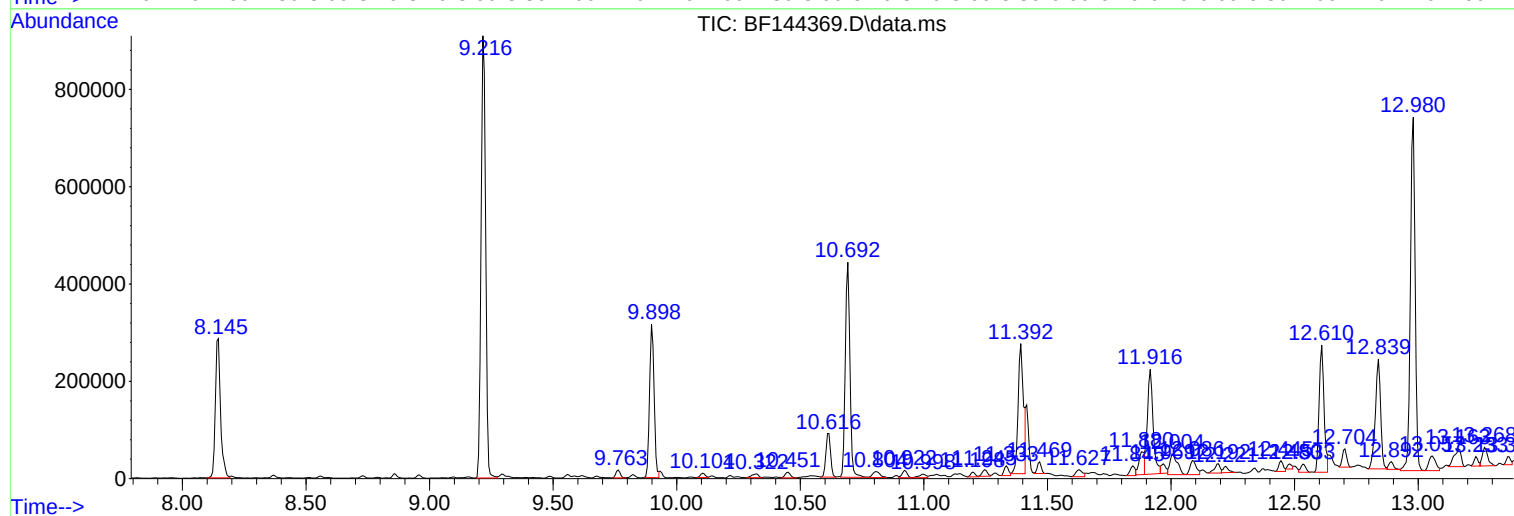
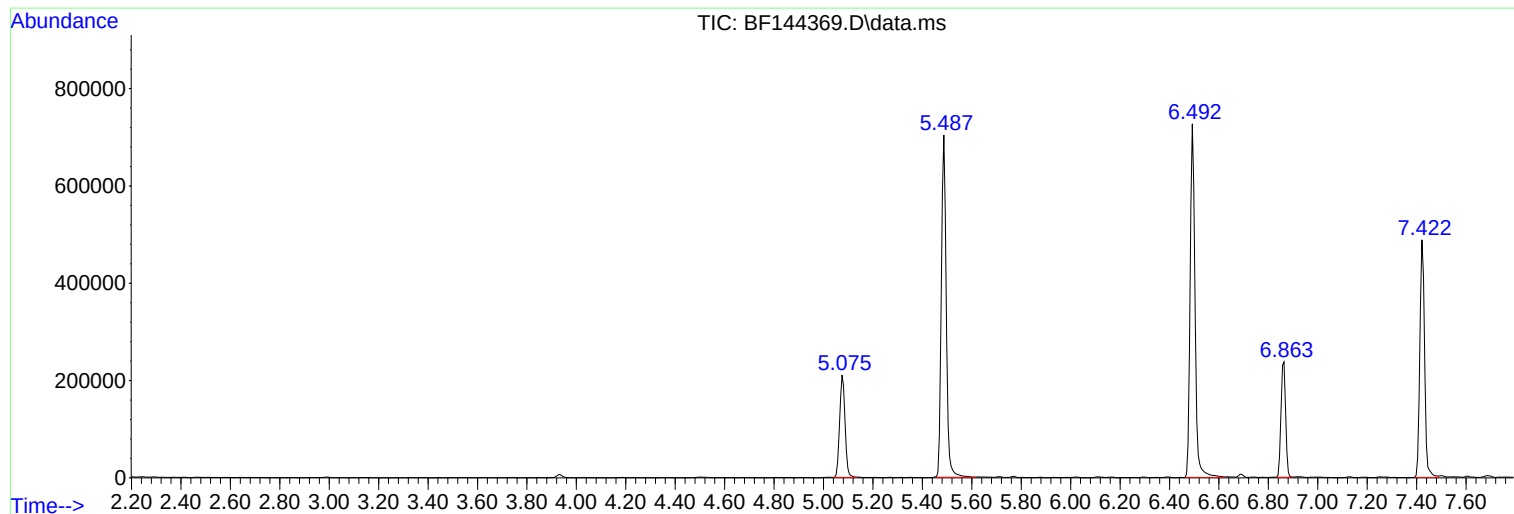
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-14A

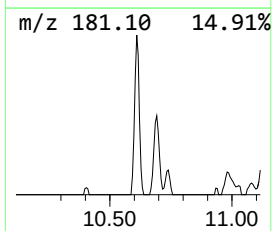
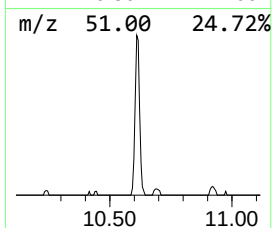
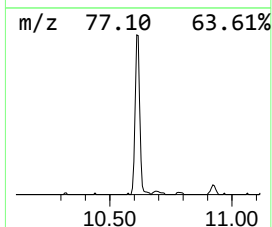
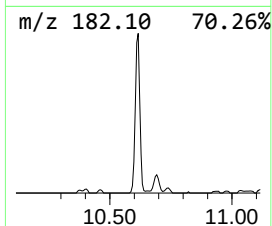
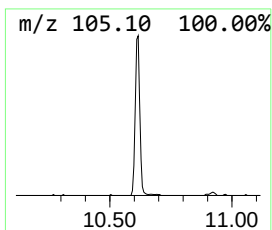
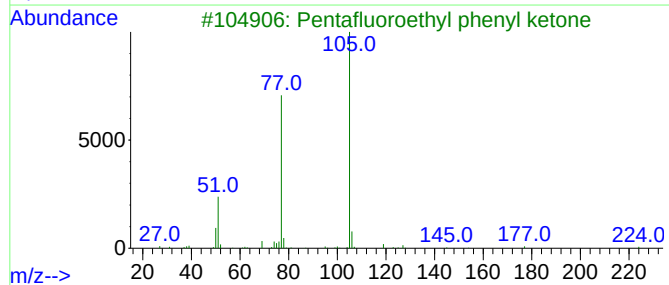
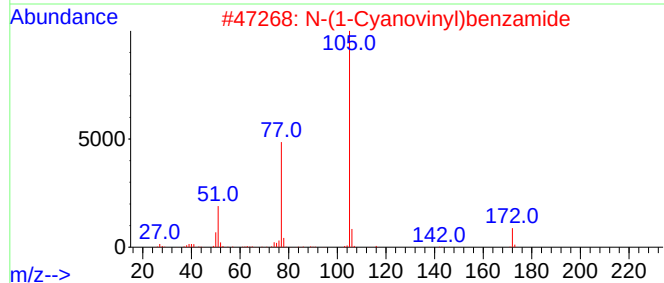
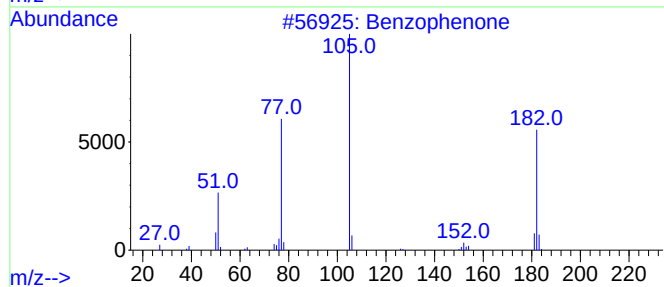
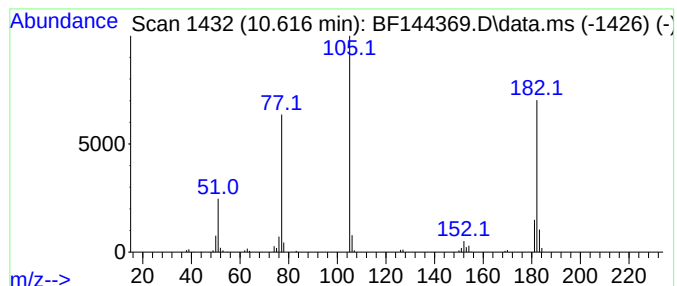
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.92 ng	119101	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43
3			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	43
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43



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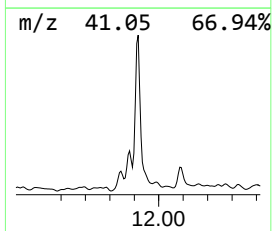
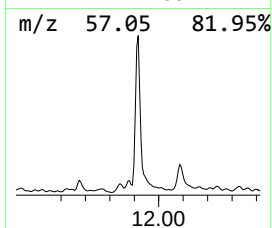
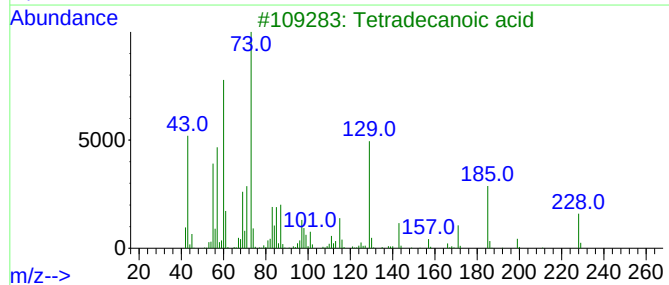
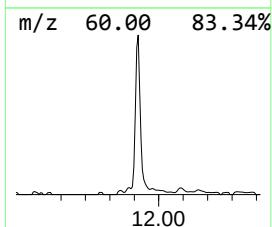
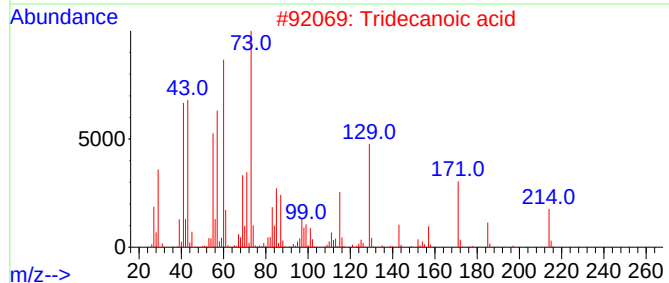
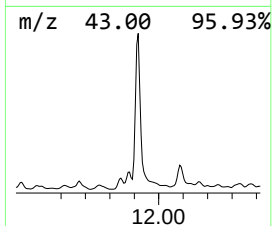
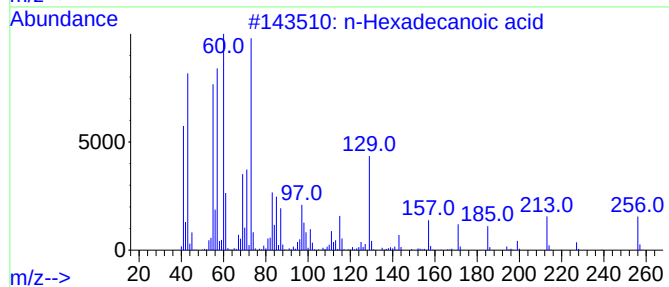
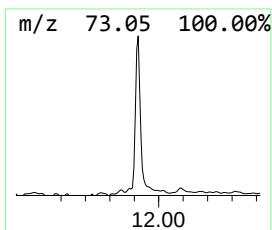
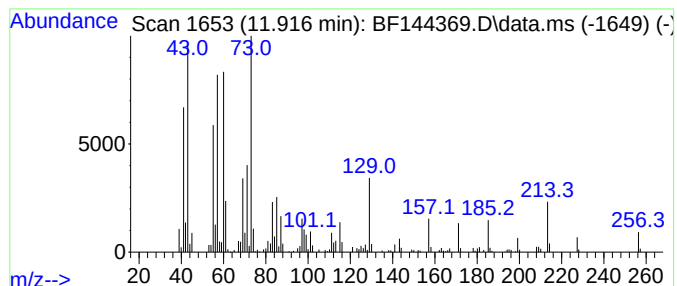
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	16.63 ng	343009	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	15
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	11



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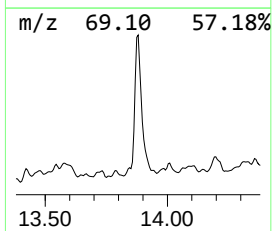
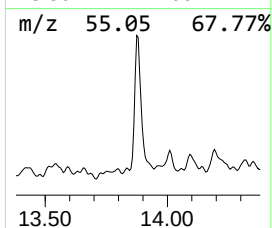
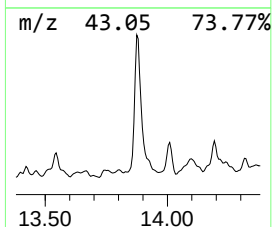
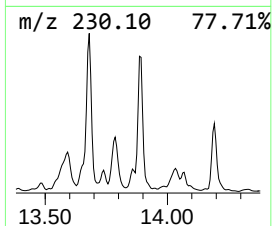
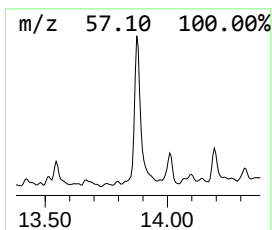
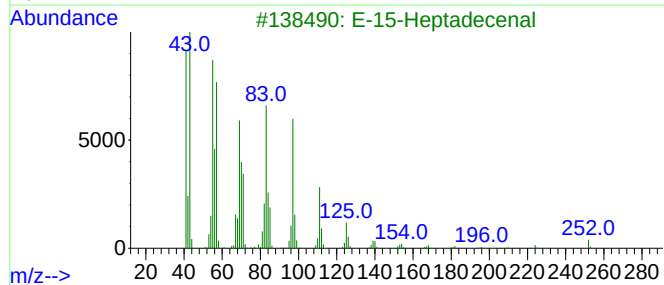
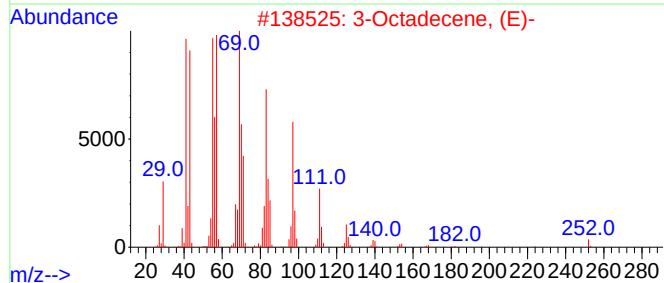
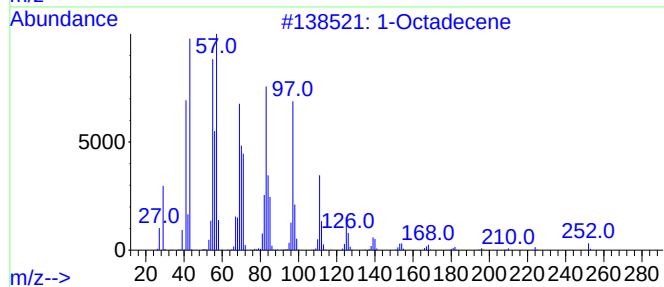
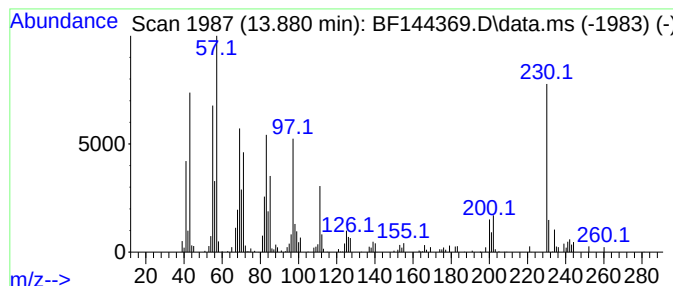
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Peak Number 8 1-Octadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	5.06 ng	180147	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	94
2			3-Octadecene, (E)-	252	C18H36	007206-19-1	92
3			E-15-Heptadecenal	252	C17H32O	1000130-97-9	84
4			5-Octadecene, (E)-	252	C18H36	007206-21-5	80
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70



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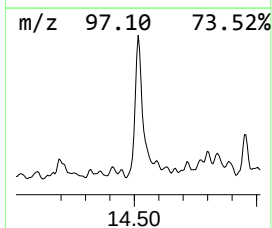
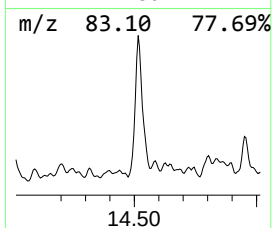
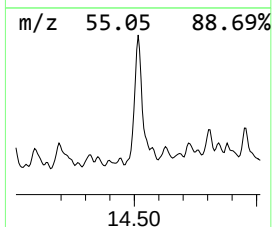
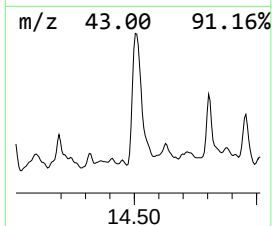
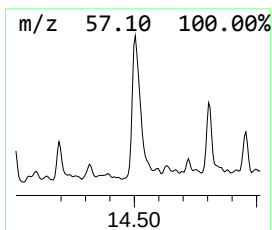
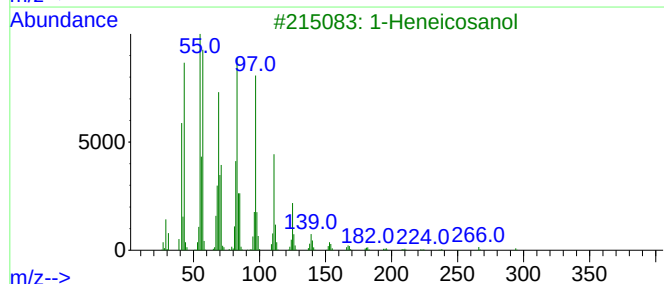
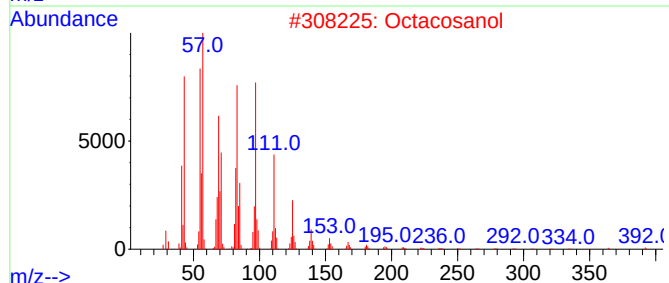
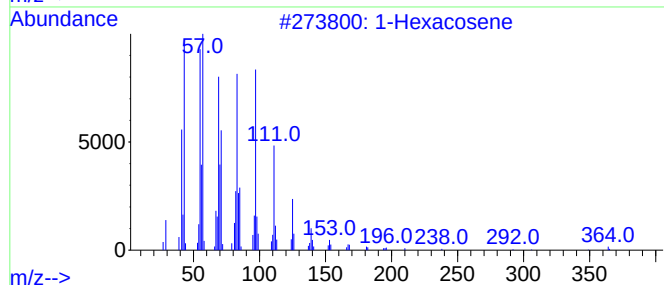
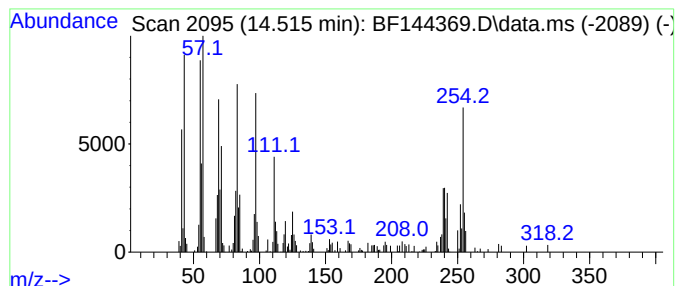
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Hexacosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.515	4.27 ng	152020	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	90
2	Octacosanol			410	C28H58O	000557-61-9	90
3	1-Heneicosanol			312	C21H44O	015594-90-8	90
4	Heptacosyl acetate			438	C29H58O2	1000351-78-2	90
5	2-Chloropropionic acid, octadec...			360	C21H41ClO2	088104-31-8	83



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Operator : RC/JU
Sample : Q3719-07
Misc :
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ClientSampleId :
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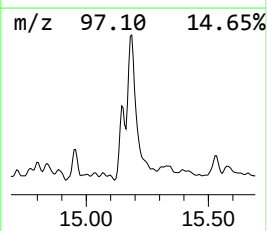
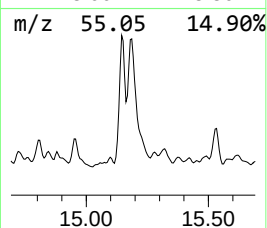
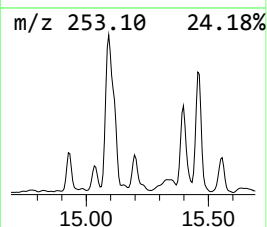
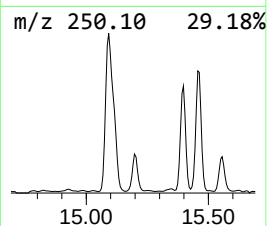
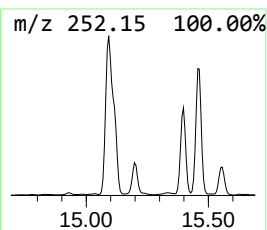
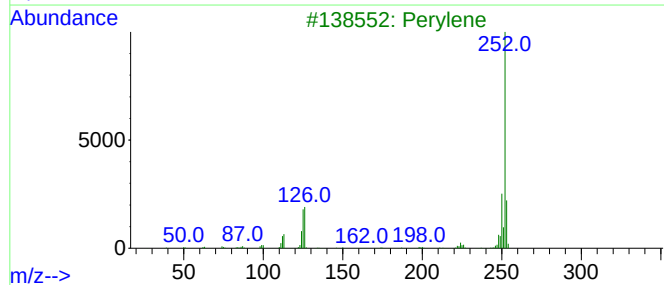
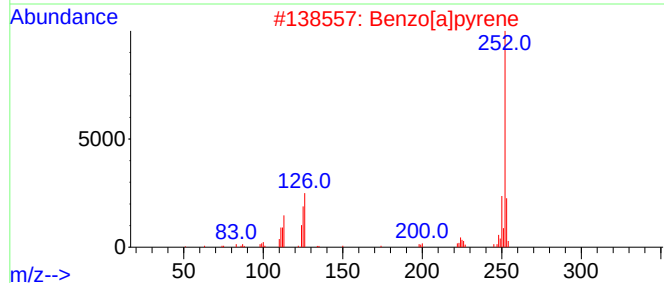
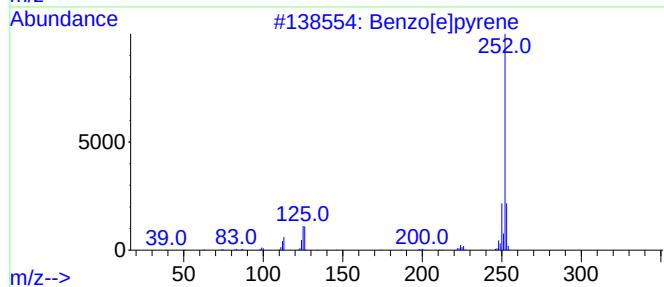
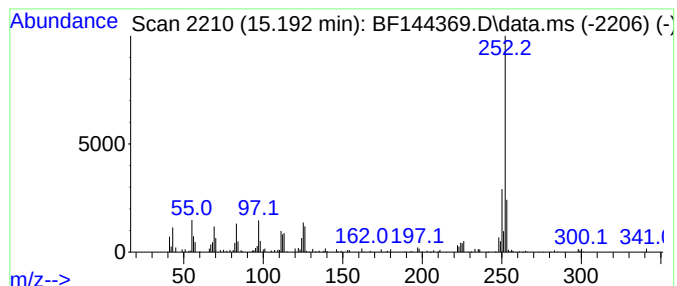
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	8.69 ng	220210	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	91
2			Benzo[a]pyrene	252	C20H12	000050-32-8	89
3			Perylene	252	C20H12	000198-55-0	81
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	76



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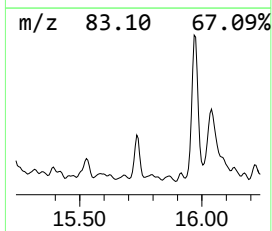
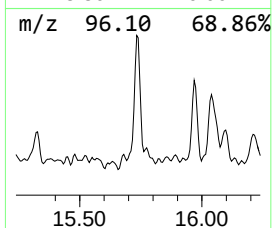
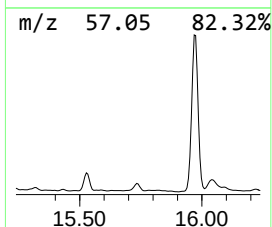
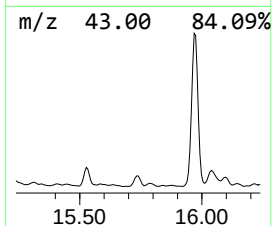
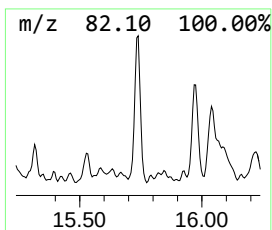
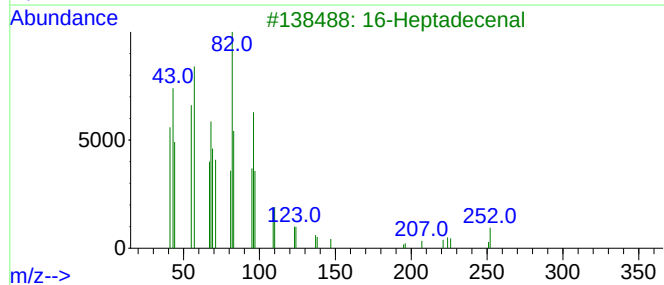
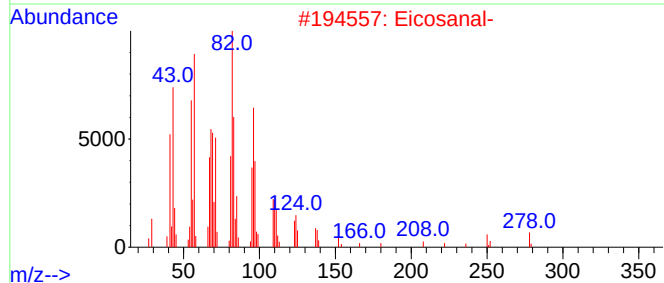
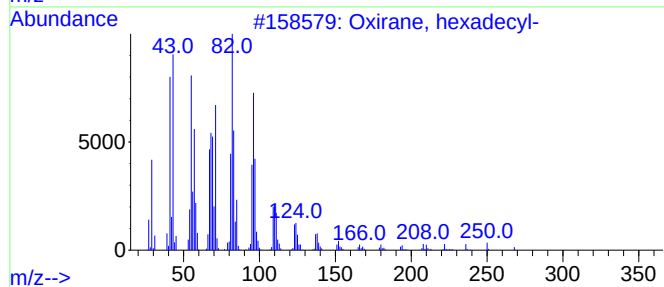
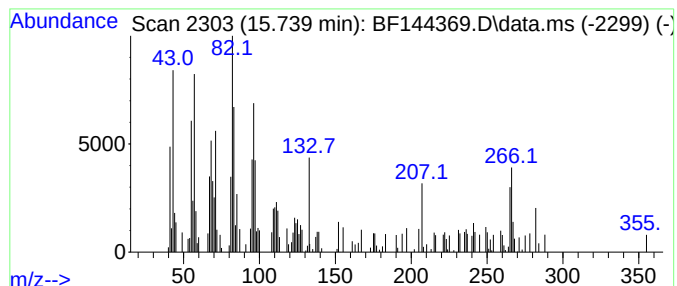
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	2.62 ng	66520	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2			Eicosanal-	296	C20H40O	002400-66-0	90
3			16-Heptadecenal	252	C17H32O	1010144-57-9	87
4			1,19-Eicosadiene	278	C20H38	014811-95-1	78
5			14-Heptadecenal	252	C17H32O	1010144-58-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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Sample : Q3719-07
Misc :
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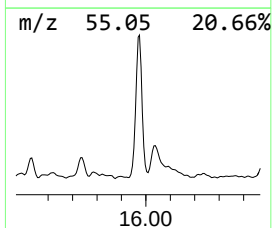
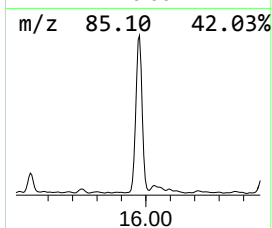
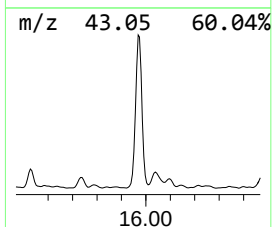
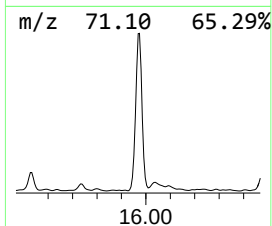
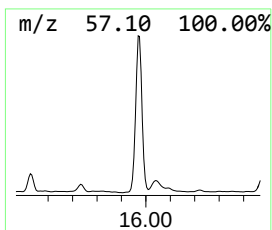
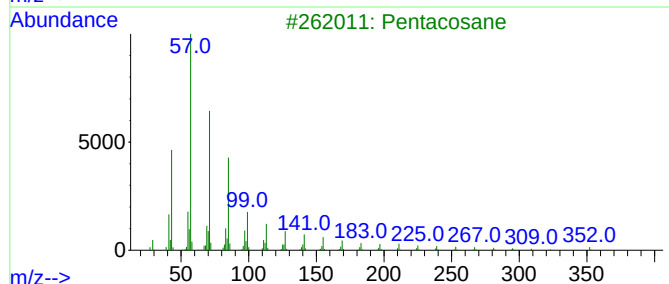
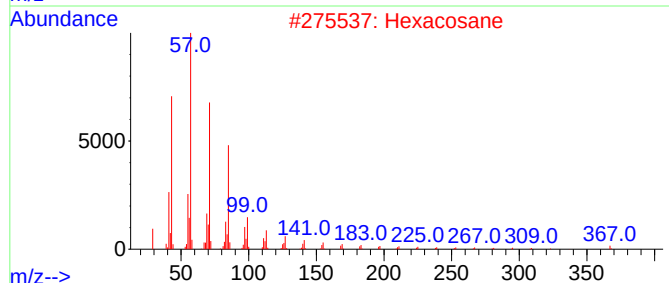
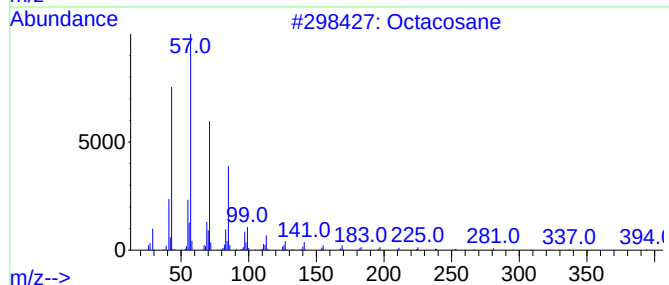
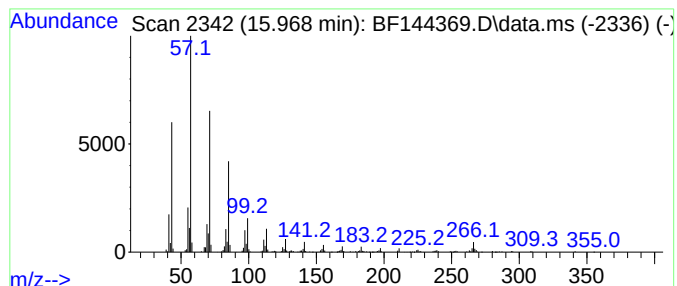
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.968	19.79 ng	501610	Perylene-d12	15.521	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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Sample : Q3719-07
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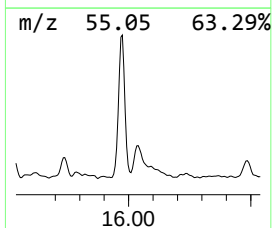
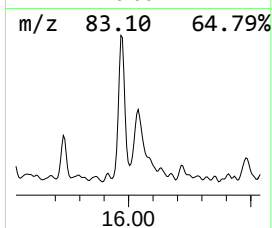
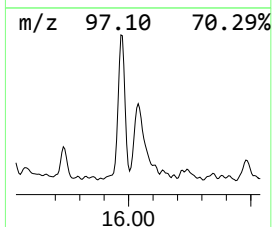
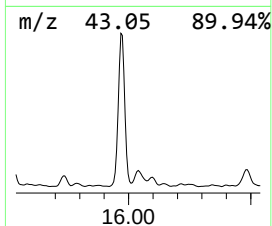
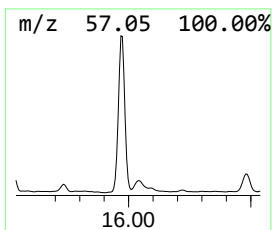
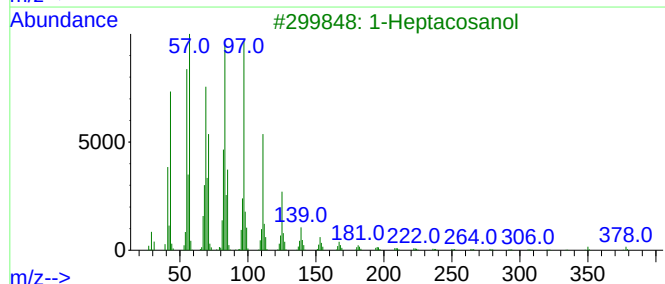
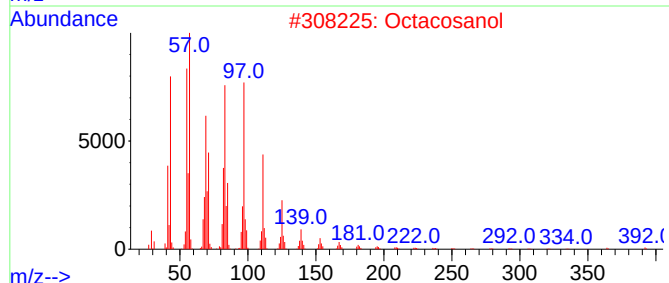
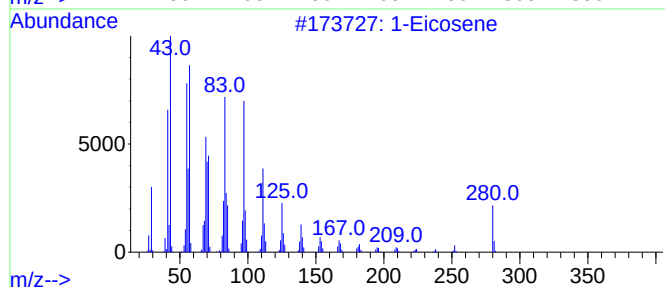
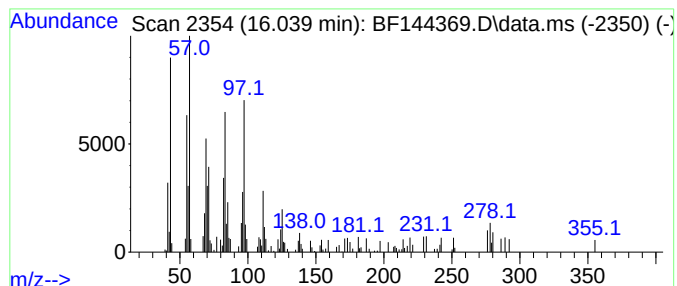
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Eicosene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.039	2.24 ng	56851	Perylene-d12		15.521	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Eicosene		280	C20H40	003452-07-1	91
2	Octacosanol		410	C28H58O	000557-61-9	81
3	1-Heptacosanol		396	C27H56O	002004-39-9	81
4	Heptacosyl acetate		438	C29H58O2	1000351-78-2	74
5	1-Hexacosene		364	C26H52	018835-33-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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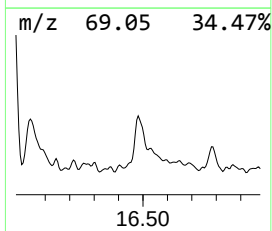
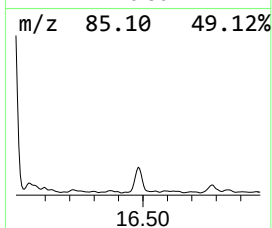
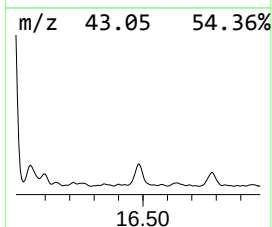
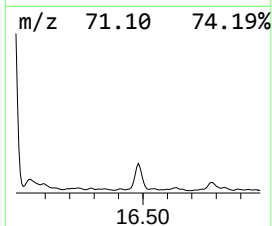
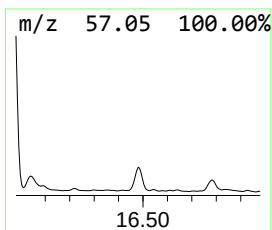
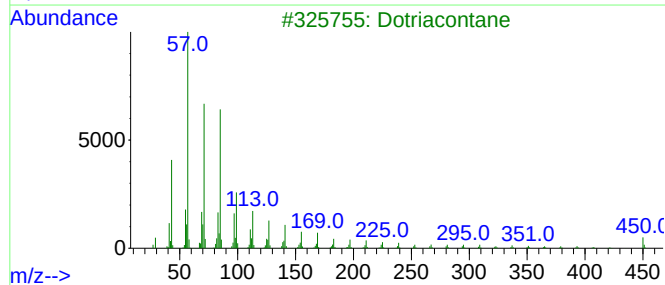
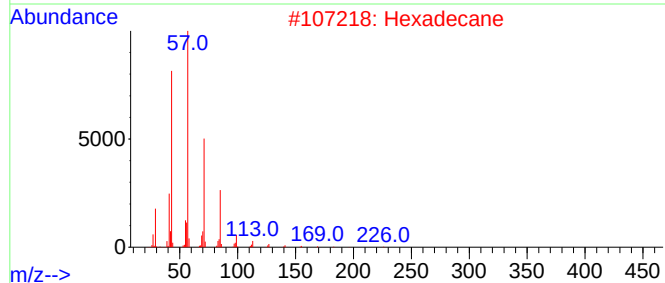
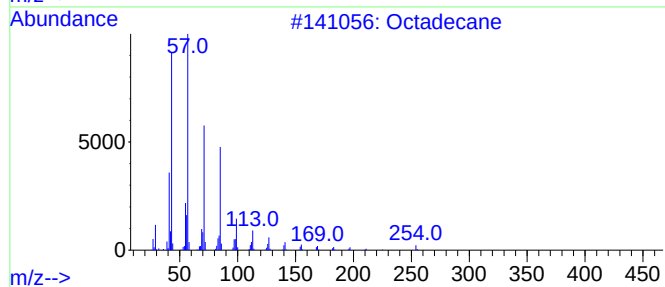
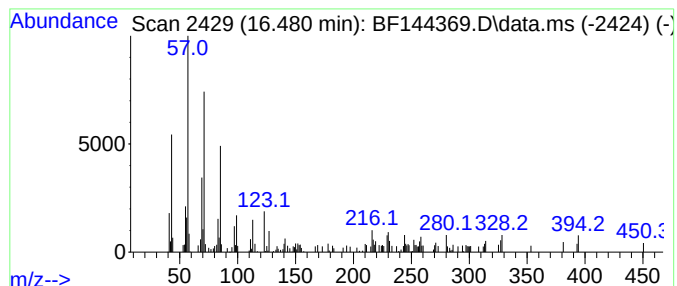
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.480	4.25 ng	107748	Perylene-d12	15.521	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dotriacontane	451	C32H66	000544-85-4	70
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	70
5	Octacosane	394	C28H58	000630-02-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
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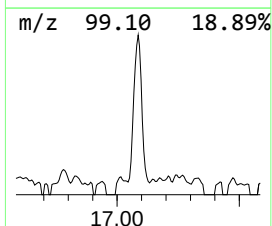
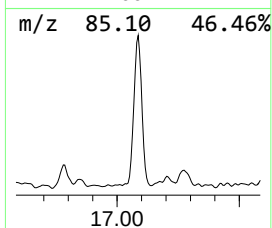
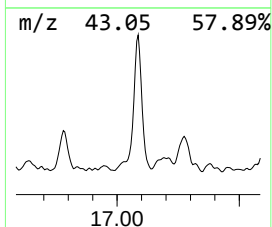
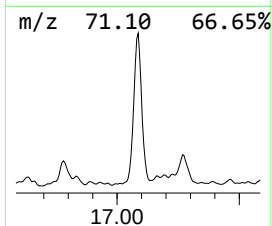
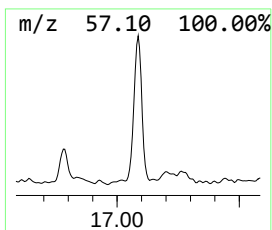
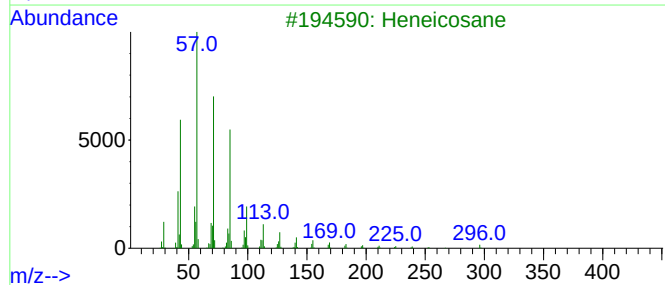
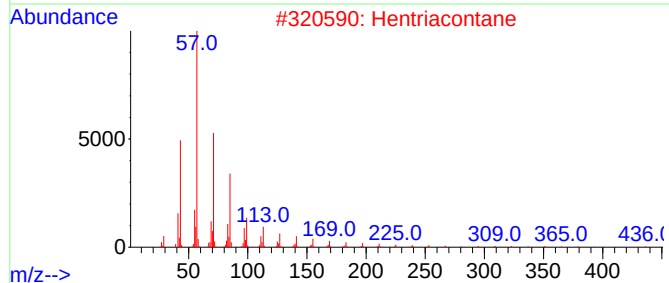
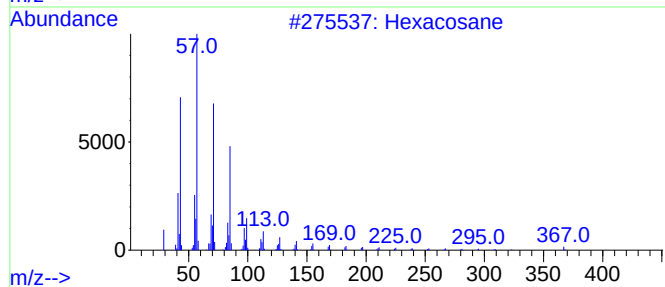
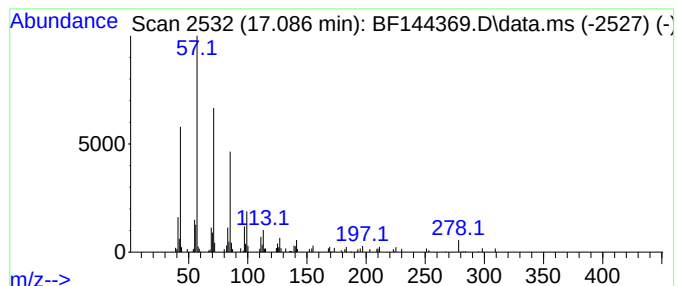
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	5.74 ng	145478	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Hentriacontane	437	C31H64	000630-04-6	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetratetracontane	619	C44H90	007098-22-8	87
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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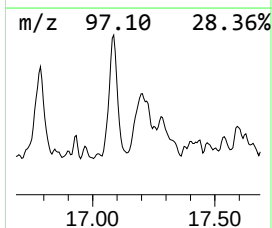
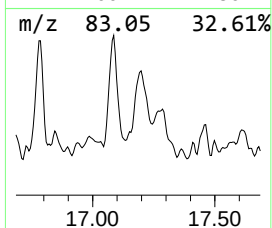
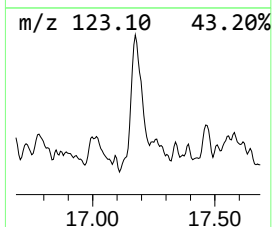
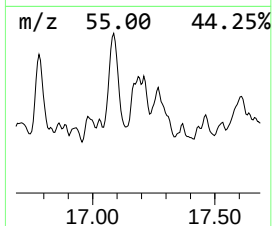
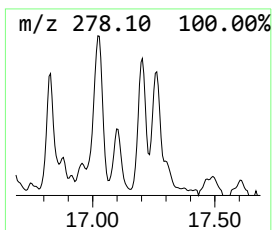
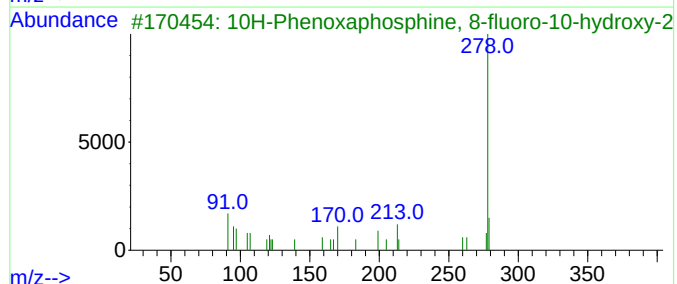
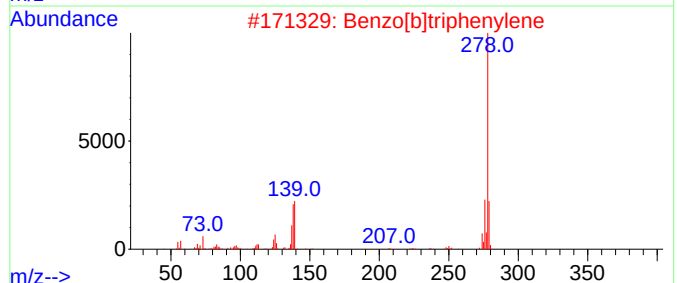
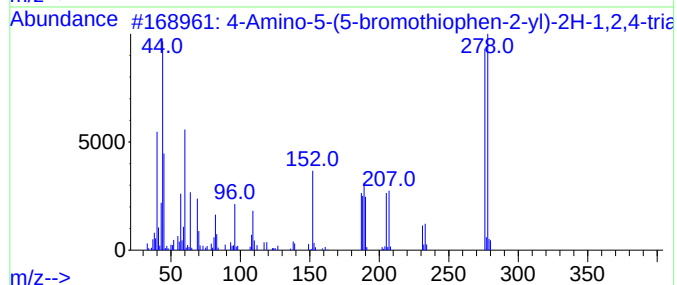
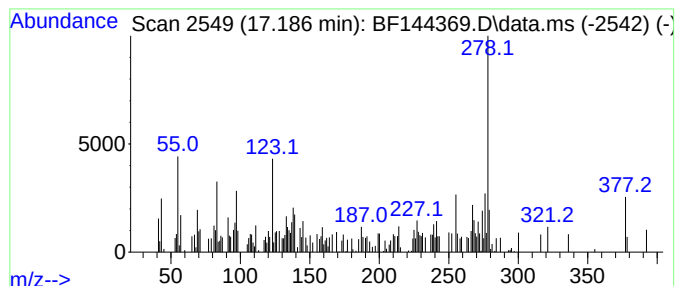
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4-Amino-5-(5-bromothiophen-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	4.59 ng	116285	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Amino-5-(5-bromothiophen-2-yl)...	276	C6H5BrN4S2	1000387-62-6	86
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	42
3			10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12F03P	037041-13-7	41
4			Estrane-3,17-diol, (3.alpha.,5.a...	278	C18H30O2	010002-95-6	38
5			Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144369.D
Acq On : 26 Nov 2025 19:13
Operator : RC/JU
Sample : Q3719-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-14A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
Benzophenone	10.616	5.9	ng	119101	3	9.898	402320	20.0
n-Hexadecanoic ...	11.916	16.6	ng	343009	4	11.392	412538	20.0
1-Octadecene	13.880	5.1	ng	180147	5	14.039	711993	20.0
1-Hexacosene	14.515	4.3	ng	152020	5	14.039	711993	20.0
Benzo[e]pyrene	15.192	8.7	ng	220210	6	15.521	506920	20.0
Oxirane, hexade...	15.739	2.6	ng	66520	6	15.521	506920	20.0
Octacosane	15.968	19.8	ng	501610	6	15.521	506920	20.0
1-Eicosene	16.039	2.2	ng	56851	6	15.521	506920	20.0
Octadecane	16.480	4.3	ng	107748	6	15.521	506920	20.0
Hexacosane	17.086	5.7	ng	145478	6	15.521	506920	20.0
4-Amino-5-(5-br...	17.186	4.6	ng	116285	6	15.521	506920	20.0