

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142035.D
 Acq On : 21 Mar 2025 17:50
 Operator : RC/JU
 Sample : Q1610-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142035.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	4	11	23	rVV	867071	1373051	39.61%	3.892%
2	4.481	399	406	412	rBV	53815	84356	2.43%	0.239%
3	5.098	507	511	520	rVB	32685	51700	1.49%	0.147%
4	5.493	571	578	598	rBV	1822555	2494070	71.95%	7.069%
5	6.492	742	748	760	rBV	1820594	2554110	73.68%	7.239%
6	6.875	808	813	818	rBV	649147	817136	23.57%	2.316%
7	7.434	901	908	918	rBV	1315214	1752651	50.56%	4.967%
8	7.686	947	951	963	rBV	39614	55290	1.59%	0.157%
9	8.151	1025	1030	1049	rVB	778718	1066519	30.77%	3.023%
10	8.722	1121	1127	1134	rBV5	14664	35629	1.03%	0.101%
11	9.228	1207	1213	1218	rBV	2782280	3466581	100.00%	9.825%
12	9.545	1262	1267	1275	rBV3	59167	110047	3.17%	0.312%
13	9.910	1323	1329	1340	rBV	894707	1163146	33.55%	3.297%
14	10.622	1445	1450	1455	rVB	194015	246958	7.12%	0.700%
15	10.692	1457	1462	1473	rBV	1378843	1794698	51.77%	5.087%
16	10.904	1492	1498	1507	rBV2	34940	71247	2.06%	0.202%
17	11.051	1519	1523	1534	rBV5	20333	42775	1.23%	0.121%
18	11.392	1576	1581	1595	rBV	742419	1041747	30.05%	2.953%
19	11.845	1654	1658	1662	rBV	29471	42727	1.23%	0.121%
20	11.922	1665	1671	1683	rVV	730544	1088799	31.41%	3.086%
21	12.092	1696	1700	1705	rVB3	28004	38417	1.11%	0.109%
22	12.174	1710	1714	1719	rBV5	23399	44204	1.28%	0.125%
23	12.239	1721	1725	1729	rVB2	33036	50746	1.46%	0.144%
24	12.316	1734	1738	1746	rBV	175129	263062	7.59%	0.746%
25	12.610	1783	1788	1799	rBV	200156	458848	13.24%	1.300%
26	12.704	1799	1804	1820	rVV	663429	1059332	30.56%	3.002%
27	12.833	1822	1826	1833	rVB	122426	186511	5.38%	0.529%
28	12.974	1845	1850	1855	rBV	1804883	2404524	69.36%	6.815%
29	13.021	1855	1858	1867	rVB3	65515	102098	2.95%	0.289%
30	13.204	1886	1889	1896	rVB2	27294	40210	1.16%	0.114%
31	13.410	1920	1924	1933	rBV3	138200	265559	7.66%	0.753%
32	13.651	1961	1965	1982	rVB	716476	1085421	31.31%	3.076%
33	13.874	1999	2003	2008	rBV	211612	395009	11.39%	1.120%
34	14.051	2024	2033	2045	rVB2	791153	1908996	55.07%	5.411%
35	14.504	2105	2110	2127	rVB2	210055	456797	13.18%	1.295%
36	14.710	2140	2145	2157	rBV	941765	1359518	39.22%	3.853%

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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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37	14.880	2170	2174	2180	rBV	127125	175780	5.07%	0.498%
38	14.957	2183	2187	2190	rBV	46620	70465	2.03%	0.200%
39	15.074	2203	2207	2215	rVV2	115105	293532	8.47%	0.832%
40	15.151	2215	2220	2237	rVB2	349379	898019	25.91%	2.545%
41	15.415	2262	2265	2266	rBV	43667	50574	1.46%	0.143%
42	15.504	2275	2280	2291	rVB	575305	1033932	29.83%	2.930%
43	15.739	2317	2320	2324	rBV4	42392	55389	1.60%	0.157%
44	15.786	2324	2328	2338	rVB2	95602	174816	5.04%	0.495%
45	15.951	2351	2356	2366	rBV2	231529	647736	18.69%	1.836%
46	17.598	2628	2636	2664	rVB3	356629	1239940	35.77%	3.514%
47	18.586	2798	2804	2811	rBV2	110666	317630	9.16%	0.900%
48	18.698	2818	2823	2853	rVB	246606	852424	24.59%	2.416%

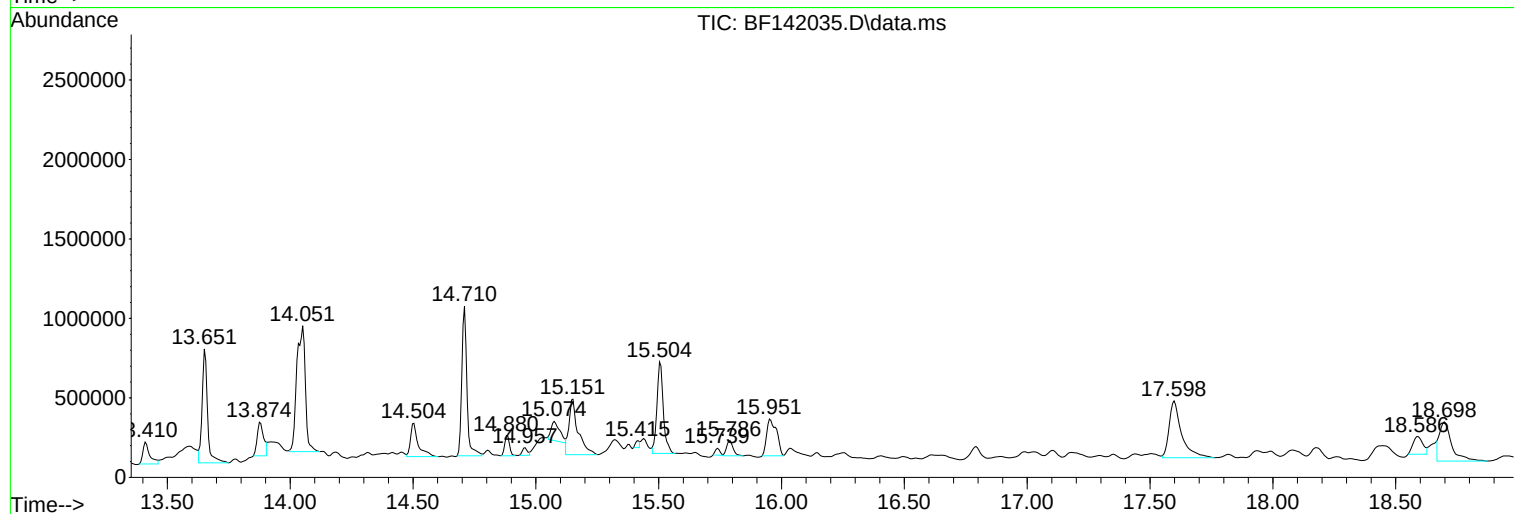
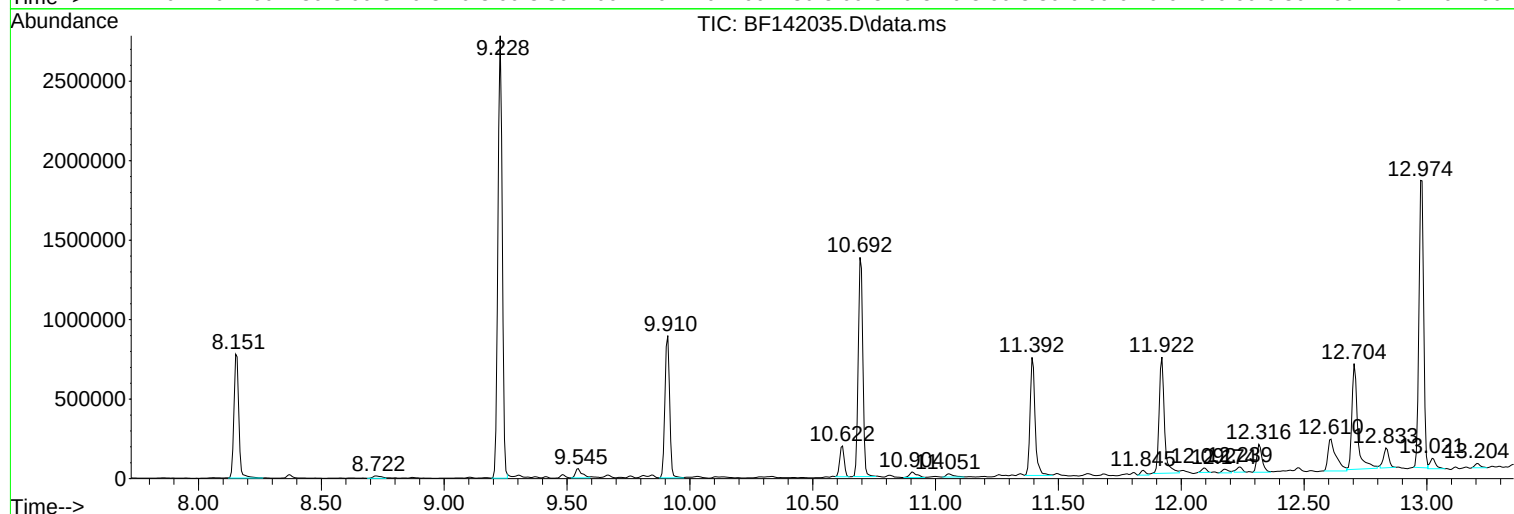
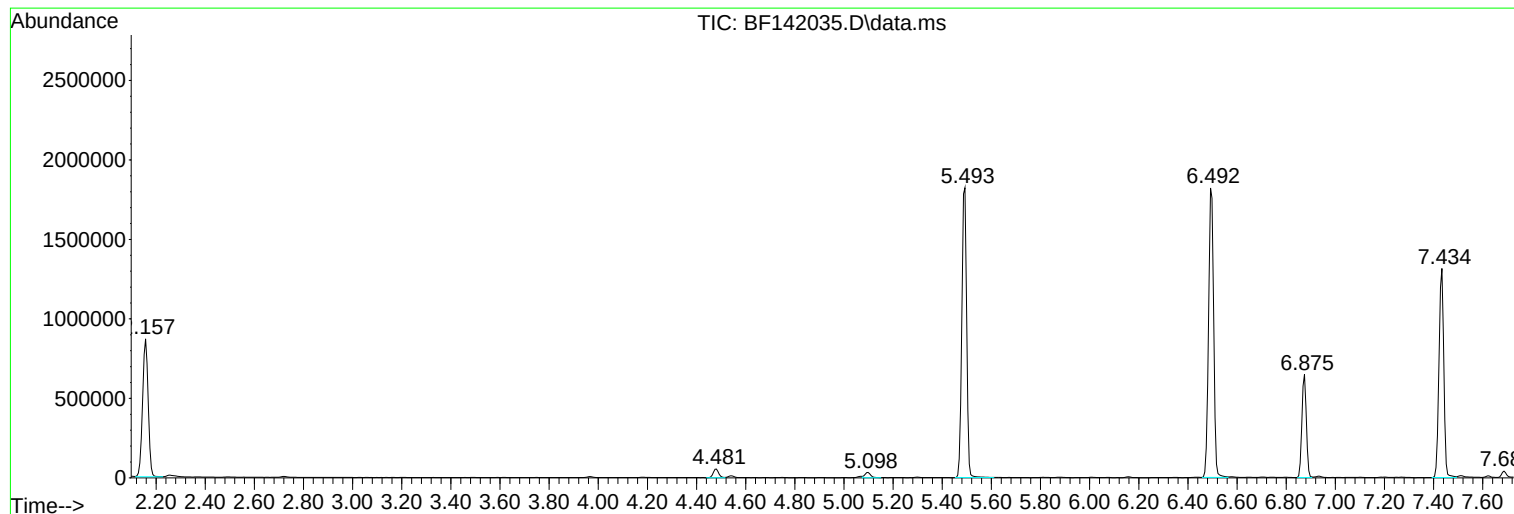
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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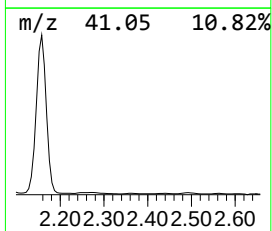
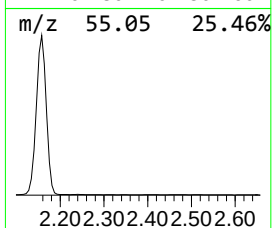
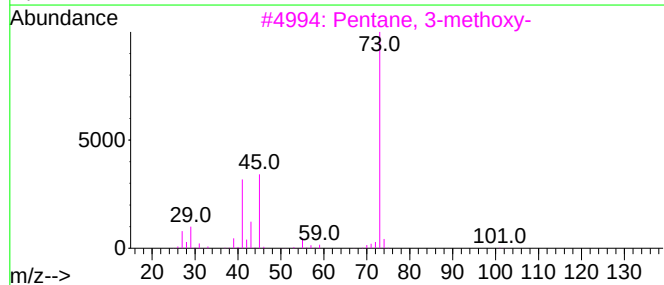
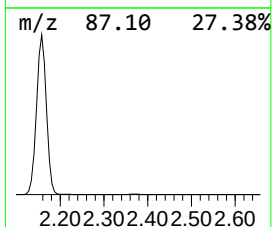
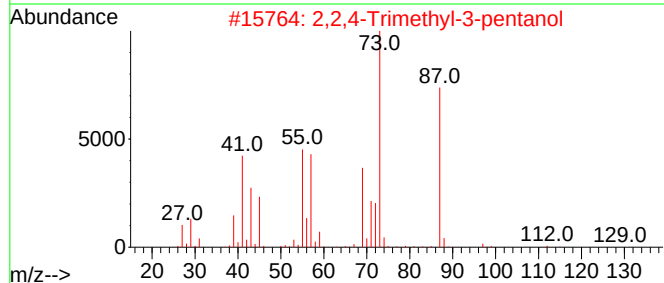
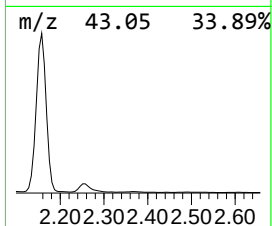
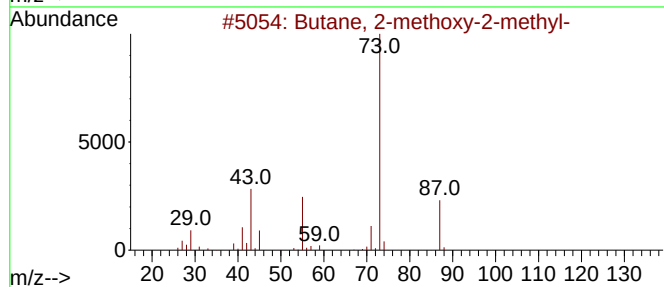
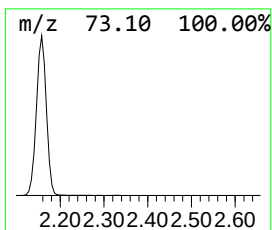
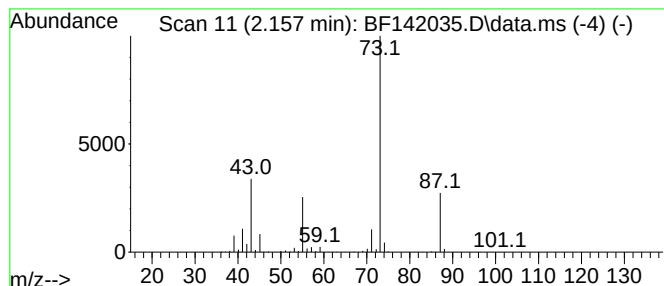
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	33.61 ng	1373050	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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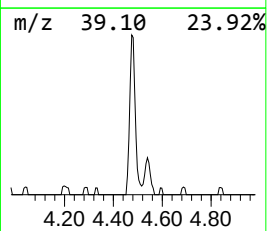
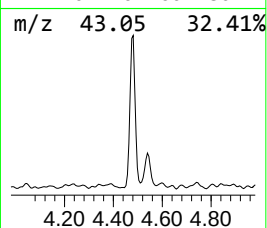
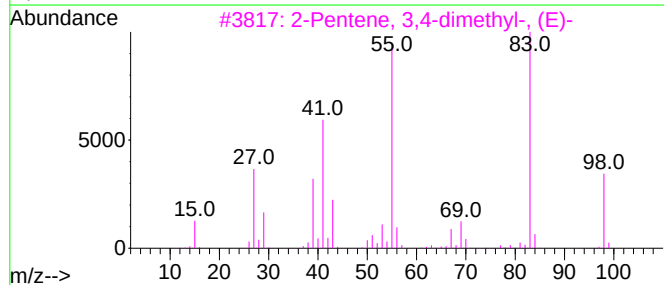
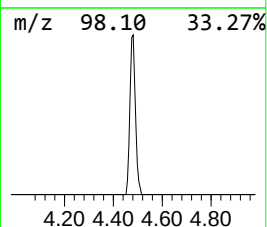
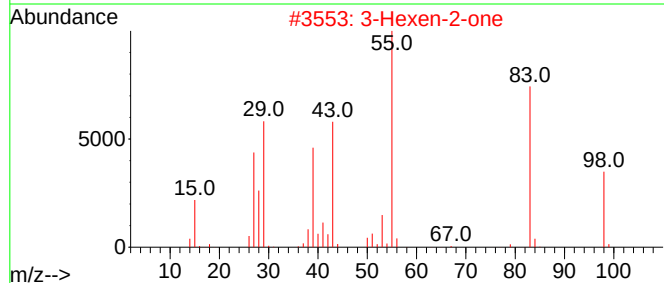
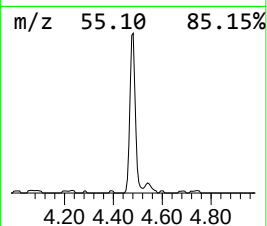
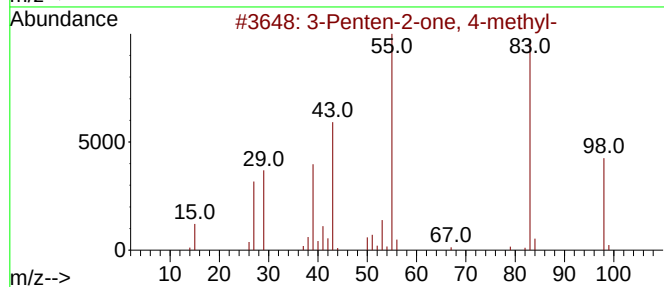
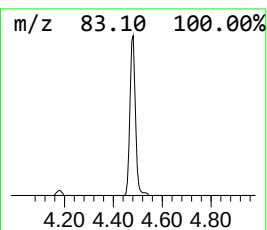
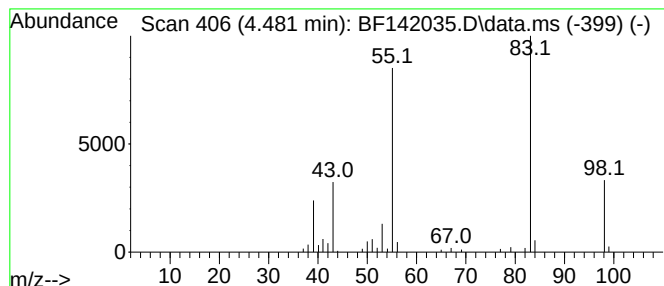
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.481	2.06 ng	84356	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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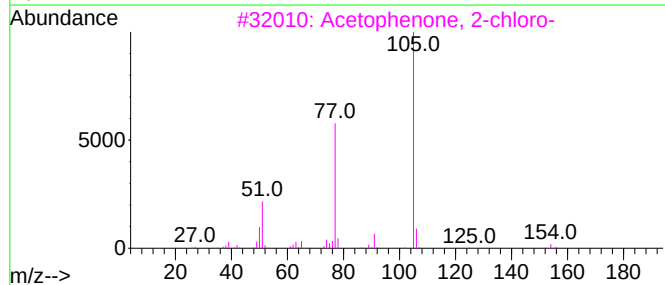
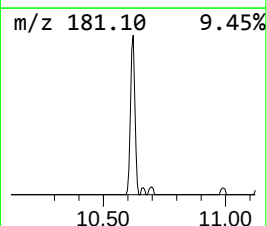
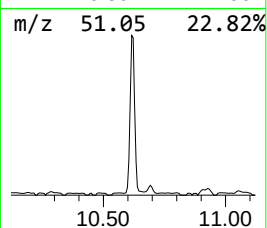
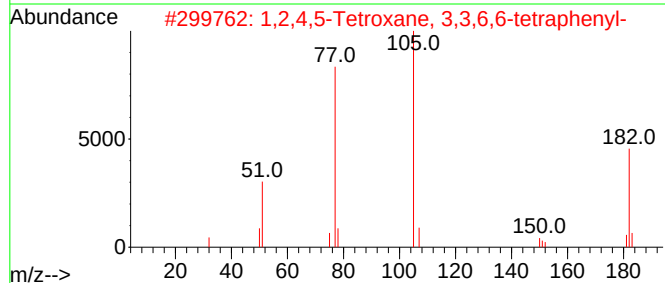
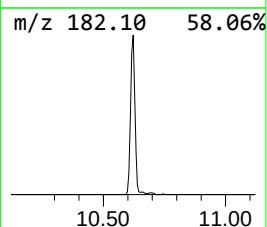
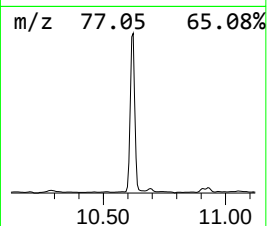
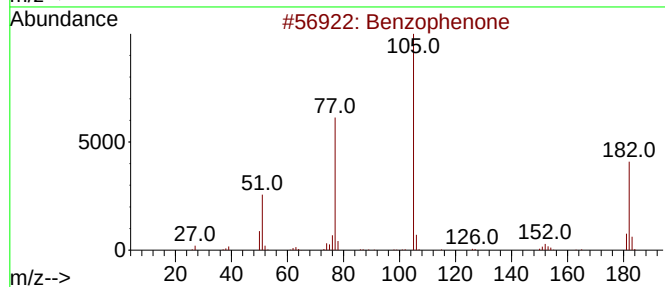
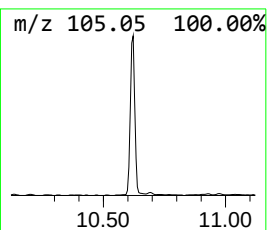
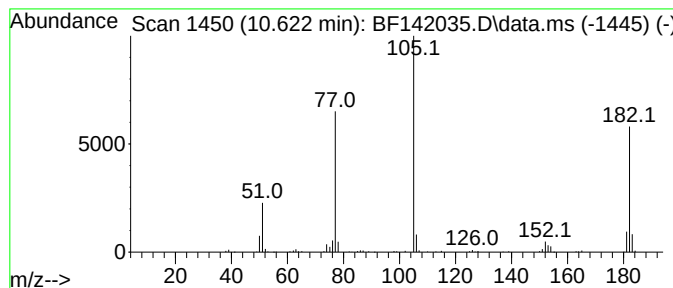
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	4.25 ng	246958	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47



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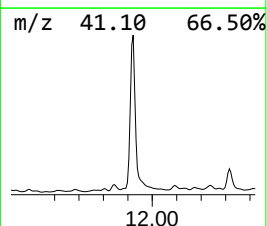
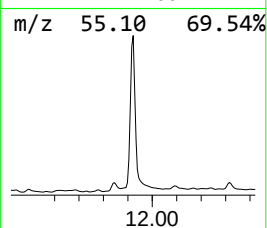
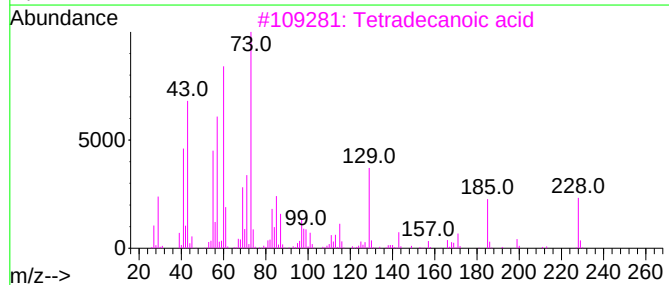
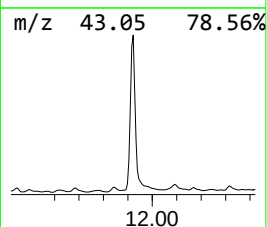
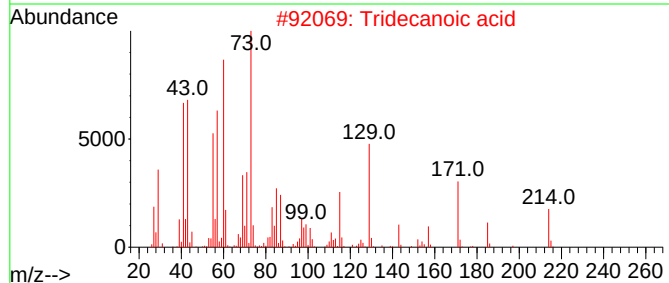
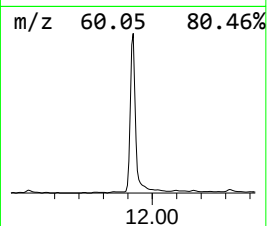
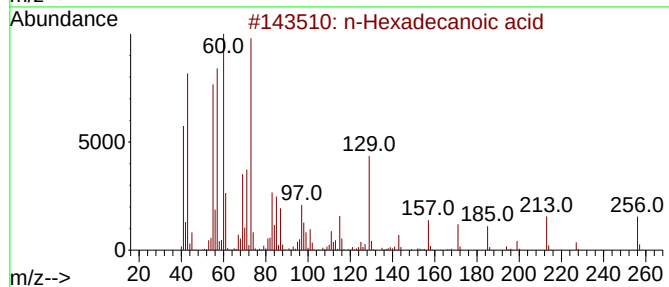
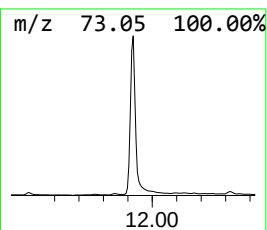
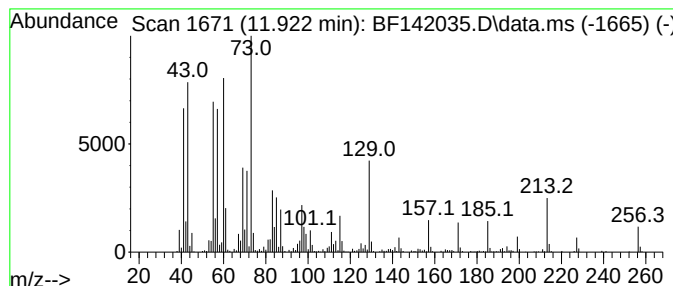
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.922	20.90 ng	1088800	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
5	Undecanoic acid		186	C11H22O2	000112-37-8	81



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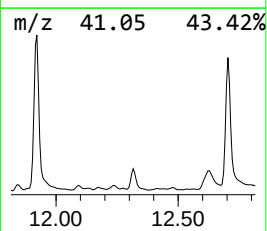
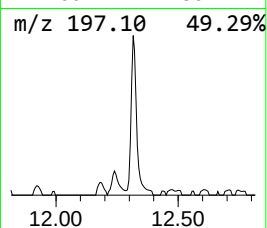
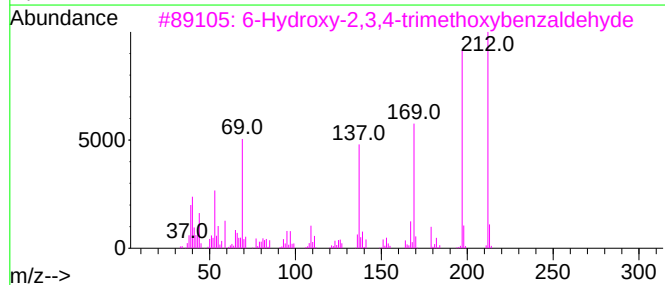
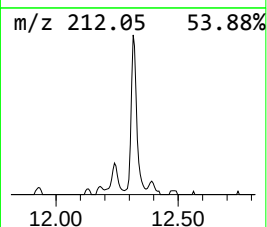
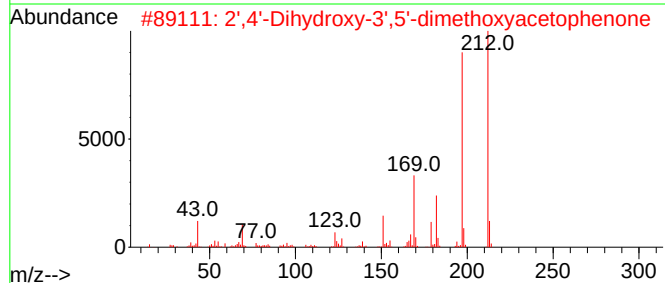
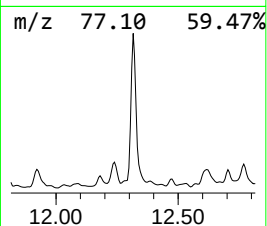
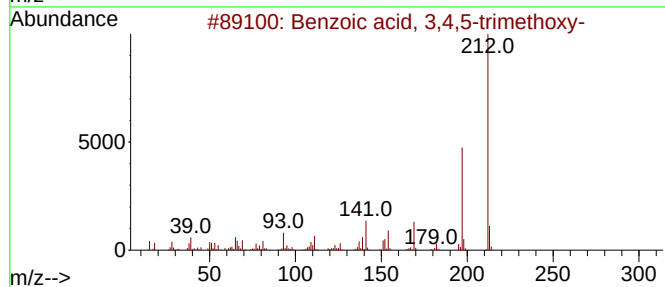
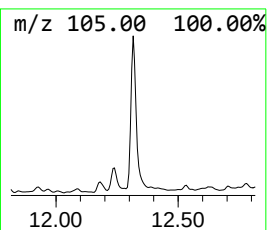
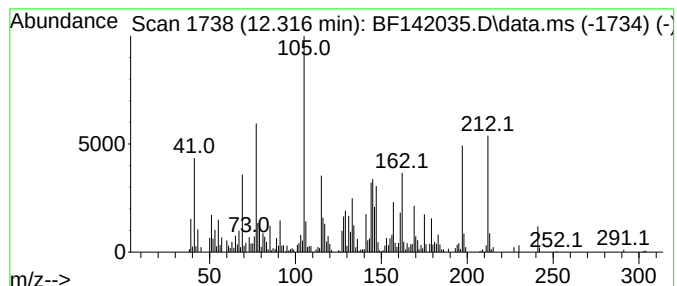
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.316 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	5.05 ng	263062	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 3,4,5-trimethoxy-	212	C10H12O5	000118-41-2	42
2			2',4'-Dihydroxy-3',5'-dimethoxya...	212	C10H12O5	198203-68-8	38
3			6-Hydroxy-2,3,4-trimethoxybenzal...	212	C10H12O5	000832-65-5	27
4			5-Cyano-1,2,3,4-tetrahydro-6-met...	212	C13H12N2O	027036-92-6	25
5			Benzoic acid, 2,4,5-trimethoxy-	212	C10H12O5	000490-64-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
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Instrument :
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ClientSampleId :
SOIL-PILE

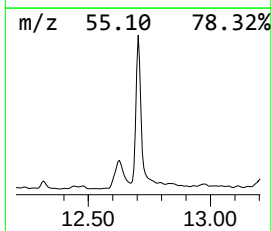
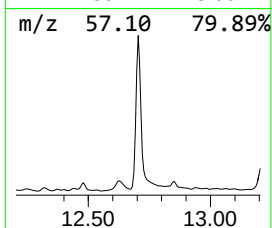
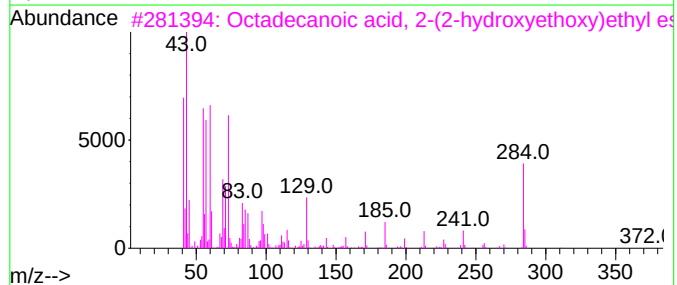
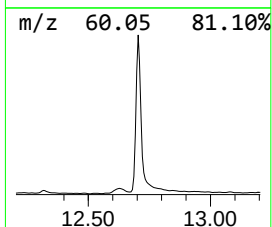
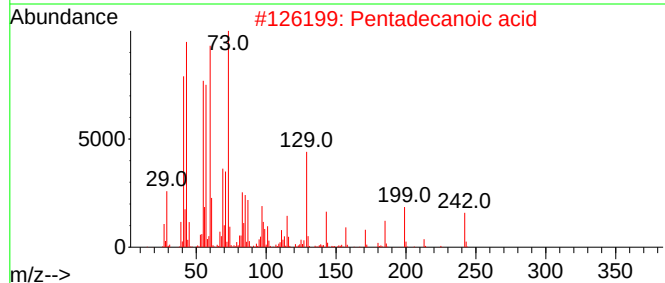
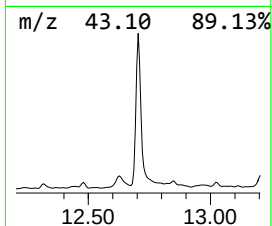
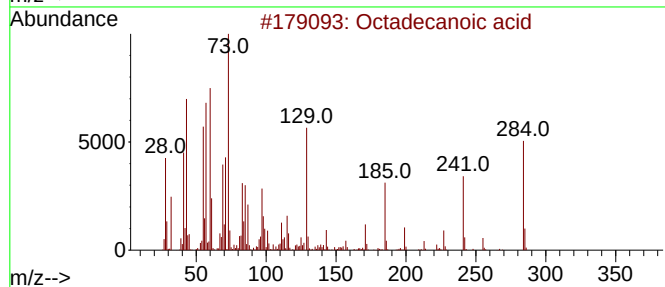
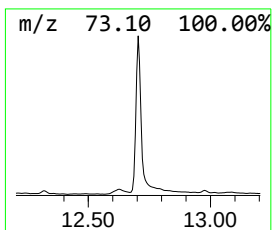
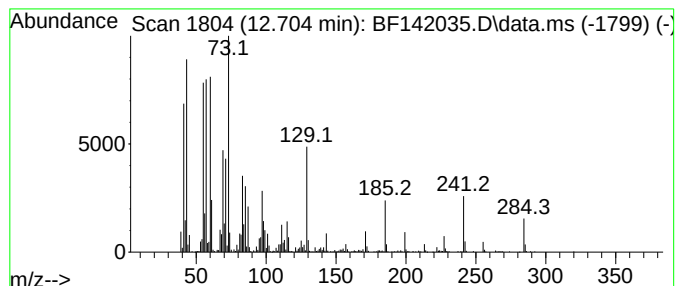
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	20.34 ng	1059330	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
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ClientSampleId :
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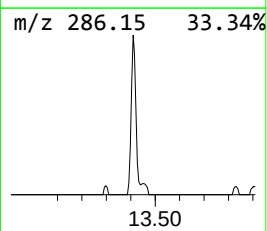
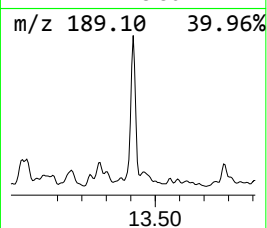
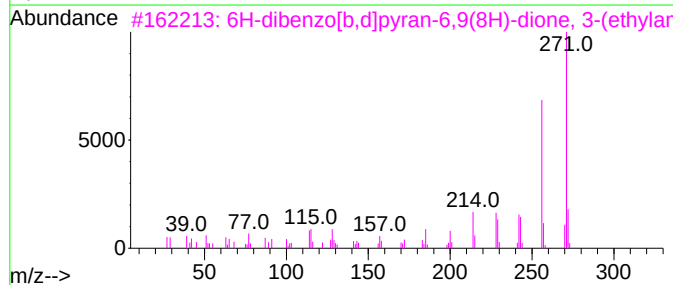
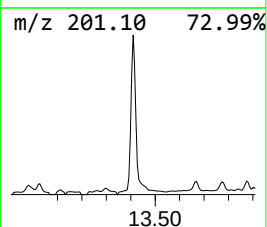
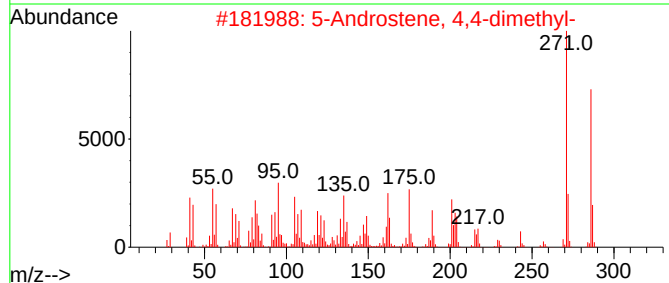
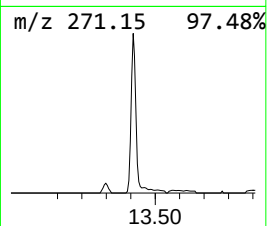
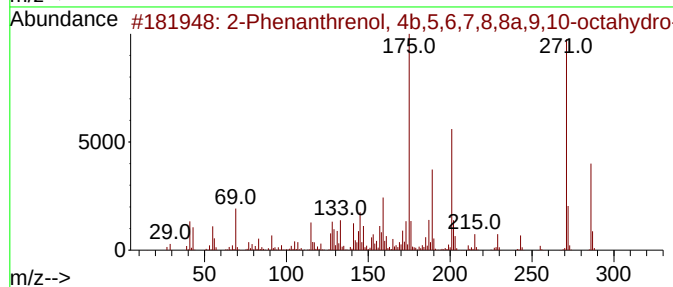
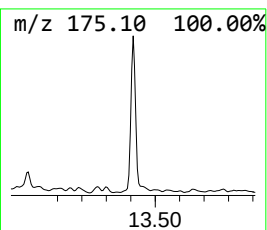
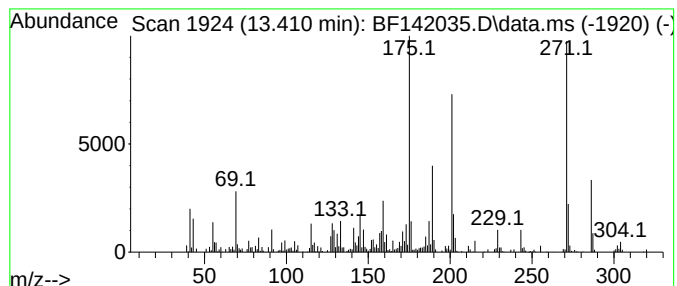
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	2.78 ng	265559	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2			5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	58
3			6H-dibenzo[b,d]pyran-6,9(8H)-dio...	271	C16H17NO3	1000397-00-0	35
4			2,2-Bis(4'-methoxyphenyl)-2-etho...	286	C18H22O3	1000283-53-7	25
5			13-Isopropylpodocarpene-12-ol-20-al	300	C20H28O2	024035-37-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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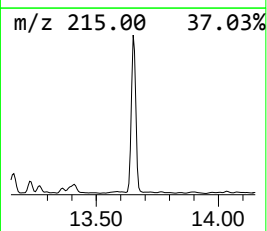
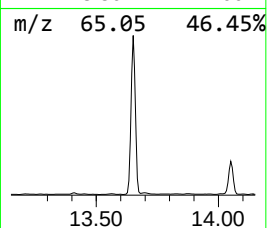
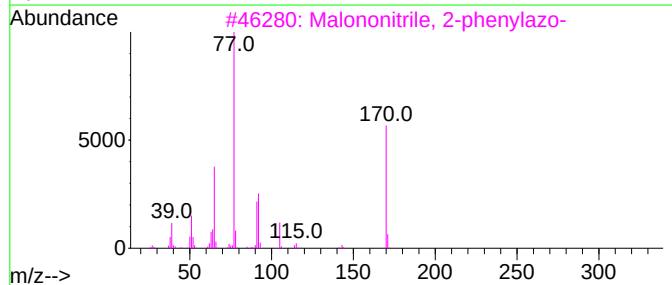
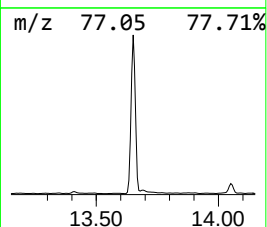
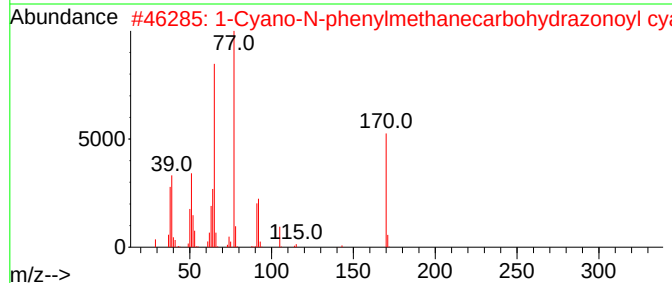
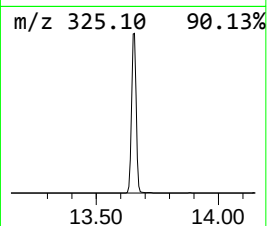
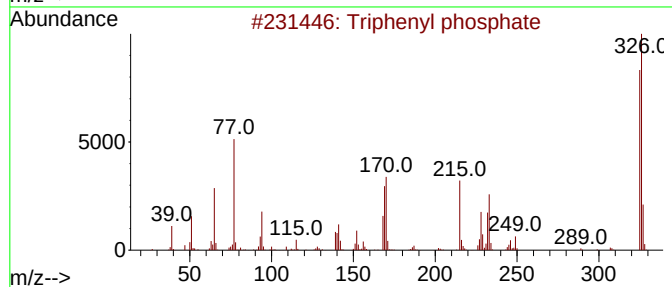
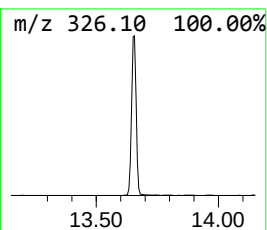
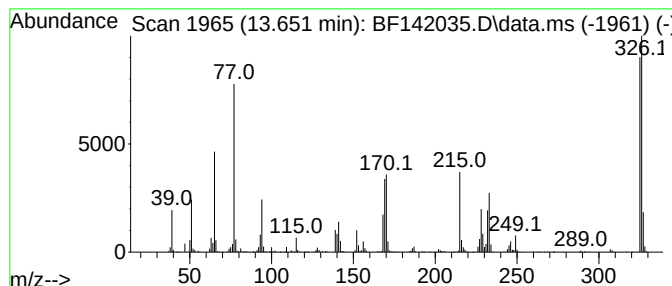
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triphenyl phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	11.37 ng	1085420	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenyl phosphate	326	C18H15O4P	000115-86-6	99
2			1-Cyano-N-phenylmethanecarbohydr...	170	C9H6N4	000306-18-3	43
3			Malononitrile, 2-phenylazo-	170	C9H6N4	006017-21-6	32
4			Coumarin, 3-benzoyl-4-phenyl-	326	C22H14O3	019725-29-2	18
5			Demethoxykanugin	326	C18H14O6	001668-33-3	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
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Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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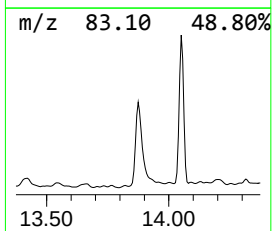
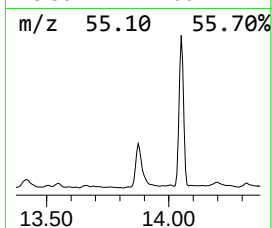
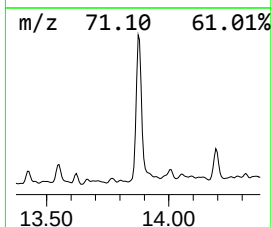
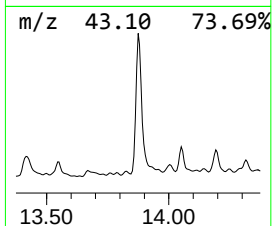
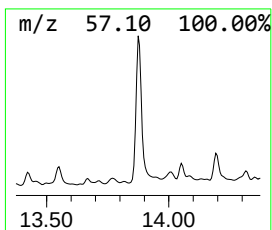
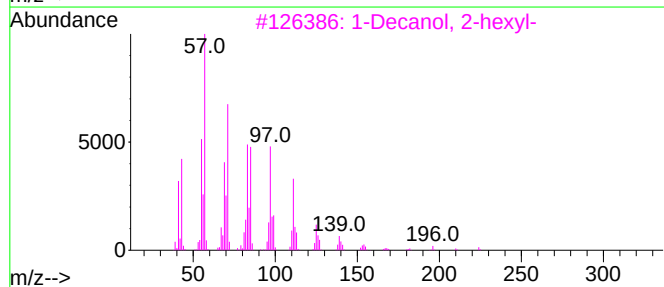
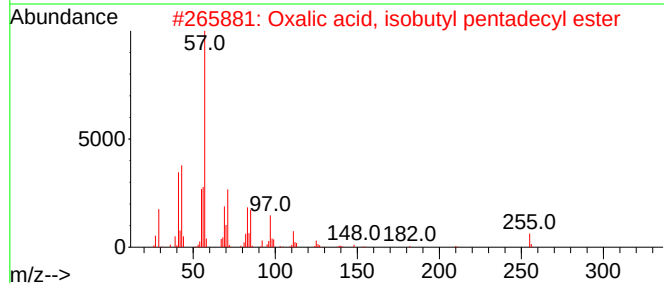
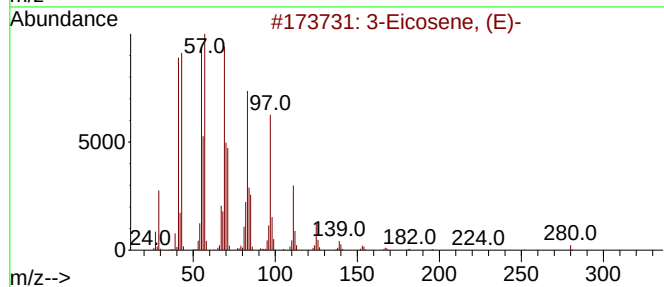
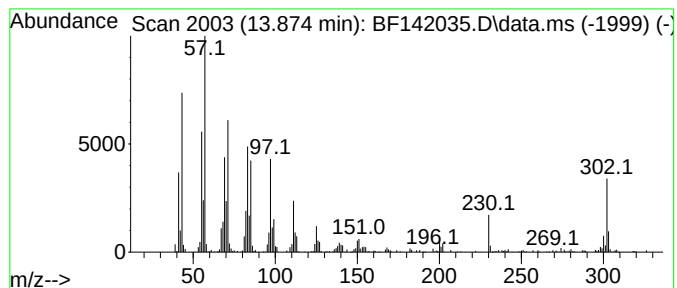
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.14 ng	395009	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	83
2			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	81
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81
4			Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	81
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

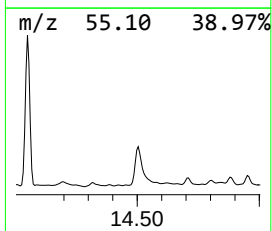
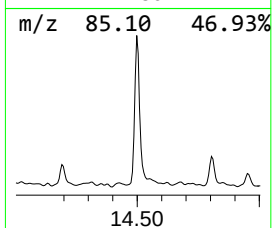
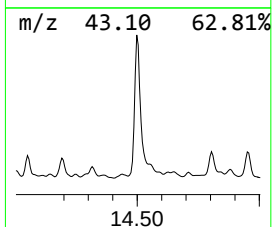
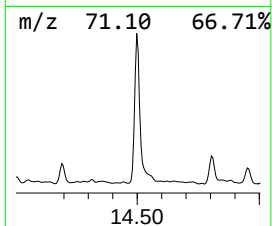
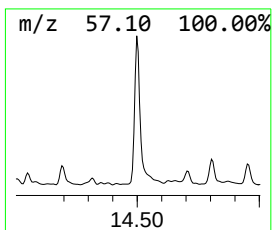
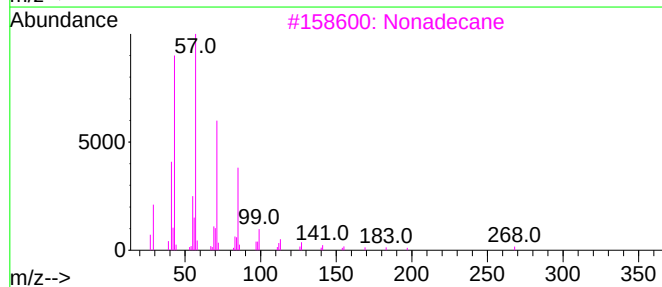
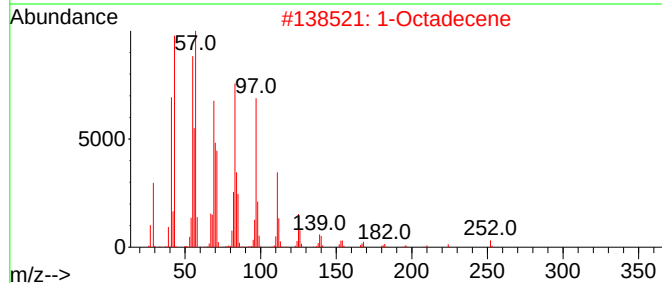
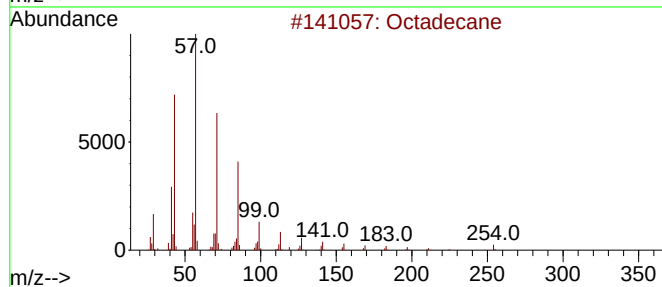
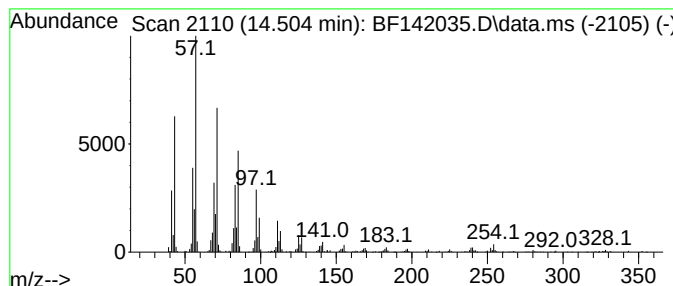
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.504	4.79 ng	456797	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Nonadecane	268	C19H40	000629-92-5	93
4	Tricosane	324	C23H48	000638-67-5	92
5	Heptadecane	240	C17H36	000629-78-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
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Acq On : 21 Mar 2025 17:50
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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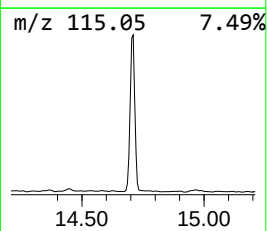
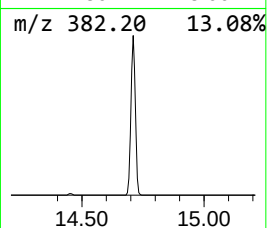
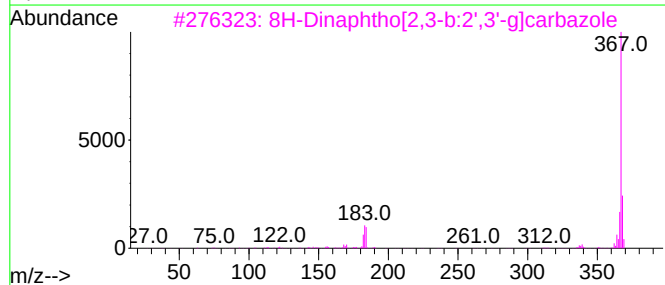
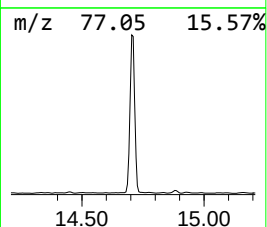
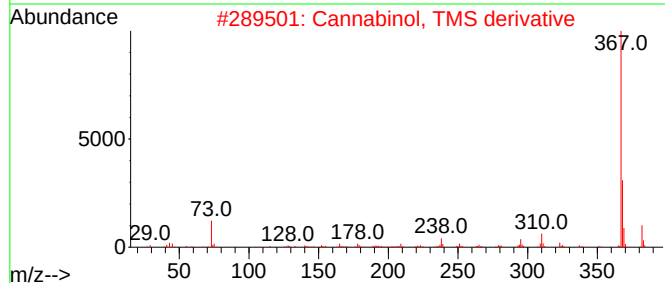
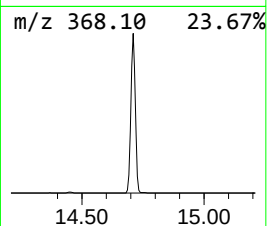
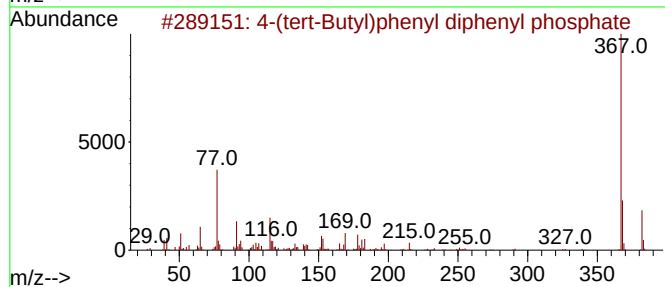
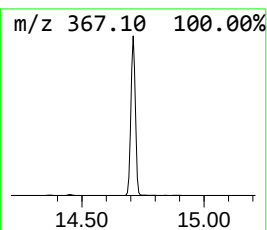
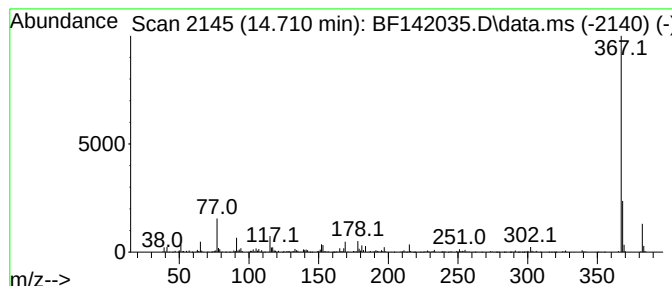
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4-(tert-Butyl)phenyl diphen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	14.24 ng	1359520	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(tert-Butyl)phenyl diphenyl ph...	382	C22H23O4P	000981-40-8	90
2			Cannabinol, TMS derivative	382	C24H34O2Si	064846-18-0	80
3			8H-Dinaphtho[2,3-b:2',3'-g]carba...	367	C28H17N	003557-50-4	59
4			8H-Dinaphtho[2,3-c:2',3'-g]carba...	367	C28H17N	000313-87-1	59
5			phenol, 4-[[4-[[4-(phenylamino)p...	367	C24H21N3O	1000402-60-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

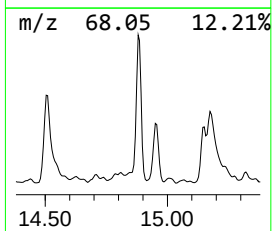
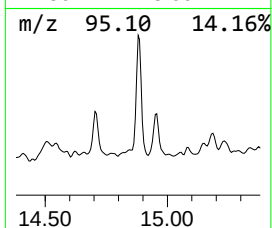
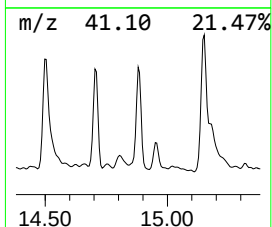
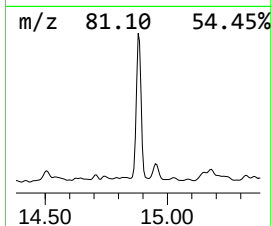
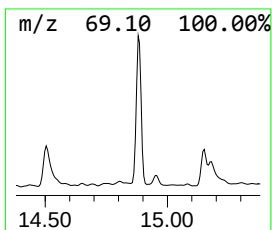
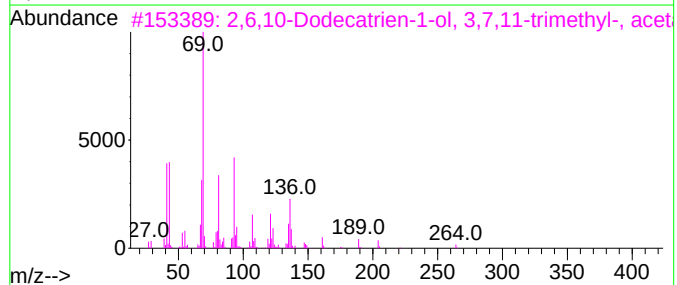
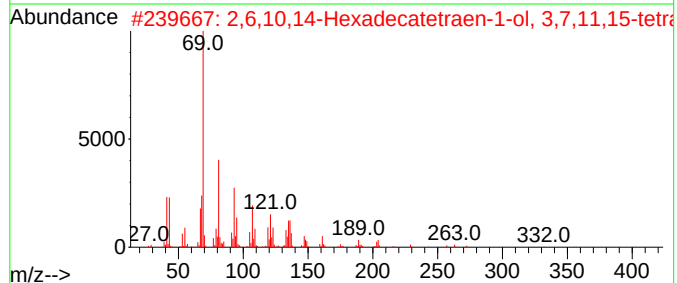
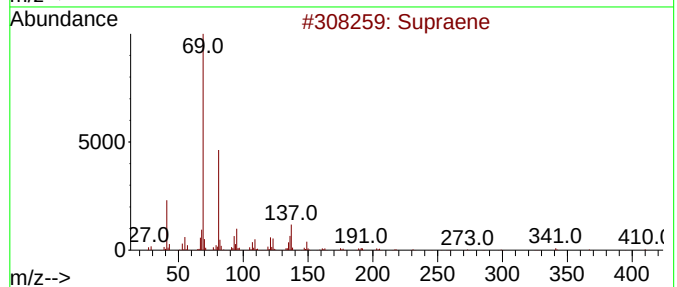
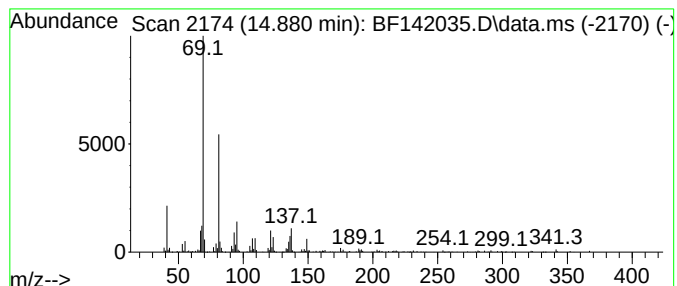
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Supraene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	3.40 ng	175780	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	78
3			2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
4			trans-Farnesol	222	C15H26O	000106-28-5	64
5			1,6,10,14-Hexadecatetraen-3-ol, ...	290	C20H34O	001113-21-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

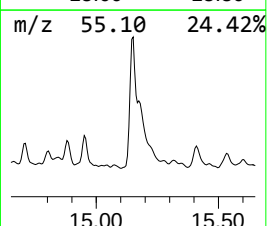
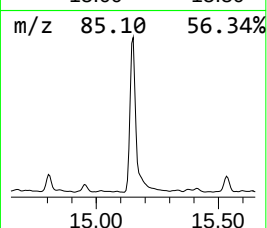
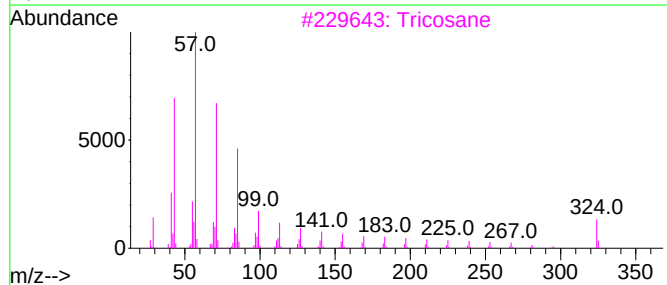
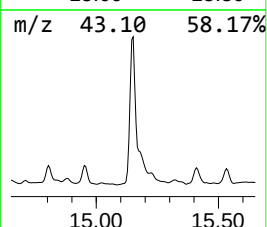
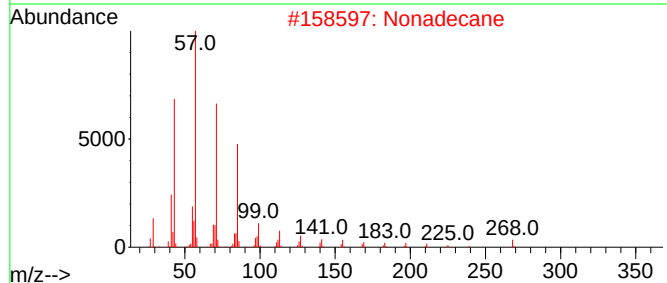
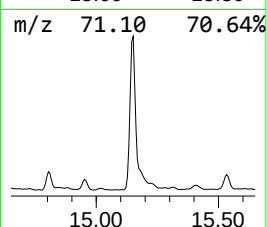
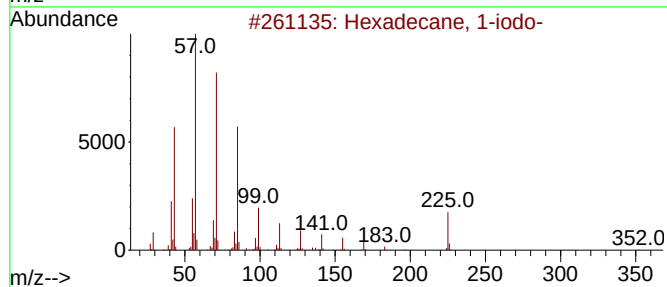
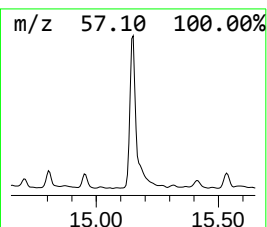
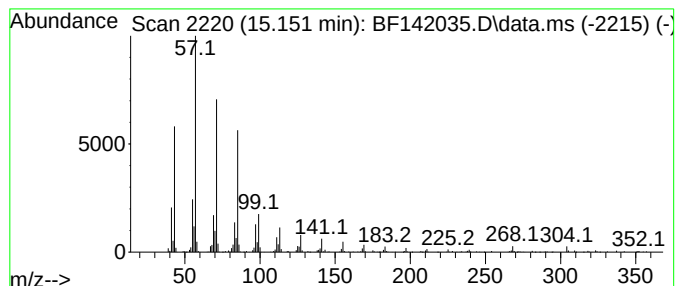
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	17.37 ng	898019	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2			Nonadecane	268	C19H40	000629-92-5	96
3			Tricosane	324	C23H48	000638-67-5	93
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

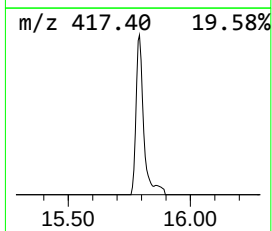
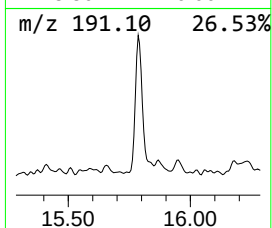
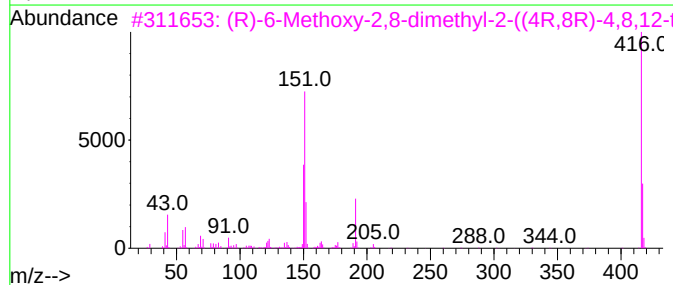
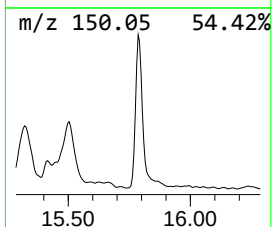
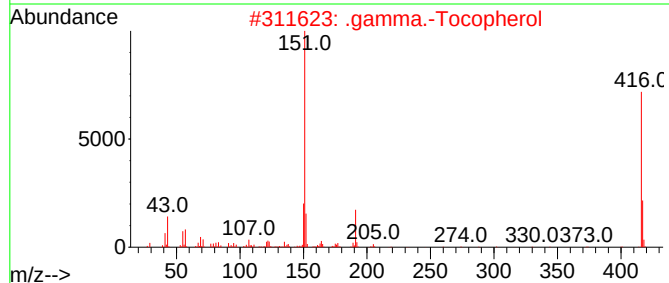
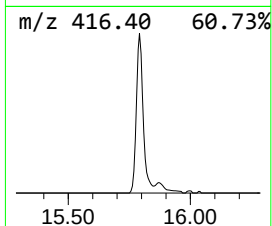
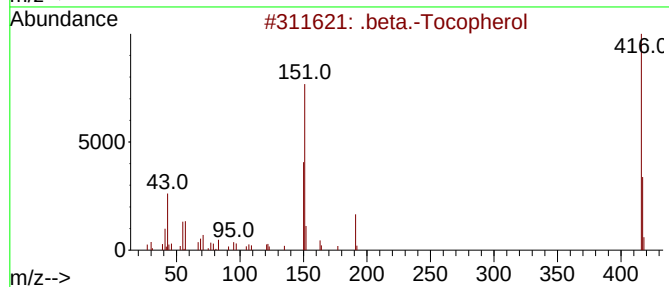
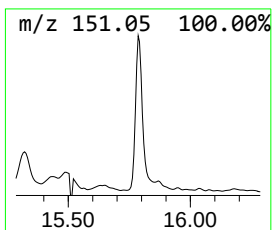
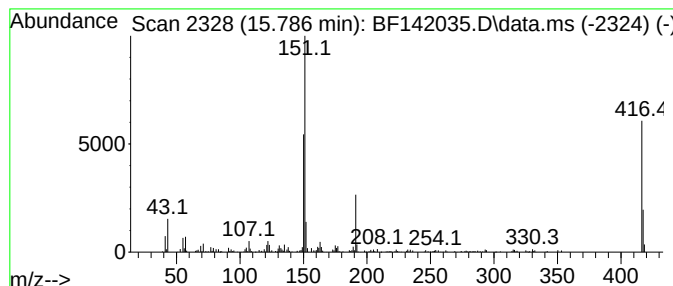
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .beta.-Tocopherol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	3.38 ng	174816	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Tocopherol	416	C28H48O2	000148-03-8	97
2			.gamma.-Tocopherol	416	C28H48O2	007616-22-0	97
3			(R)-6-Methoxy-2,8-dimethyl-2-((4...	416	C28H48O2	1116113-36-0	92
4			3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	64
5			Wikstromol, trimethyl ether	416	C23H28O7	1000504-13-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

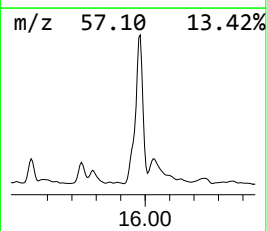
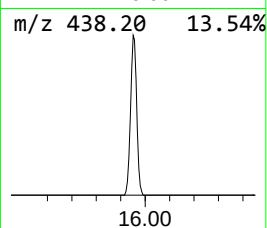
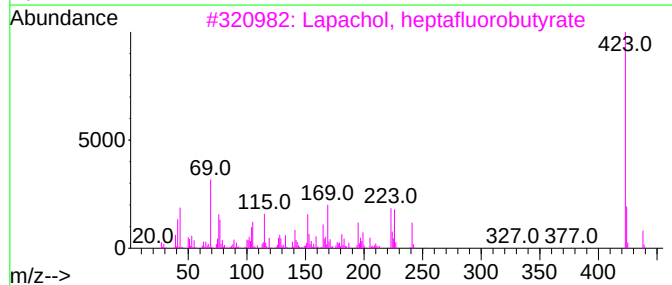
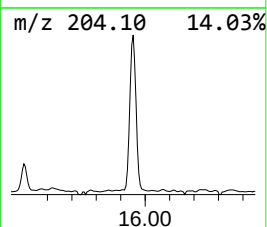
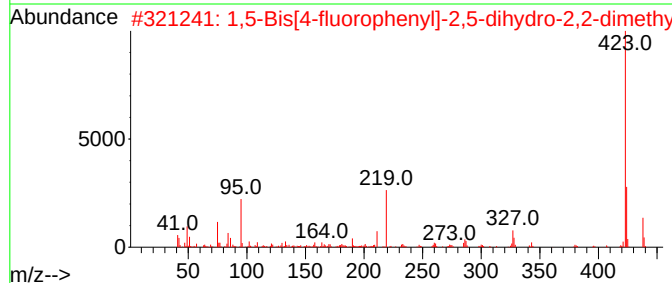
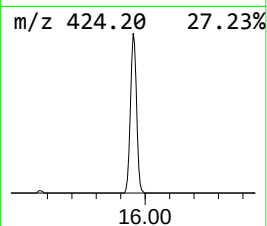
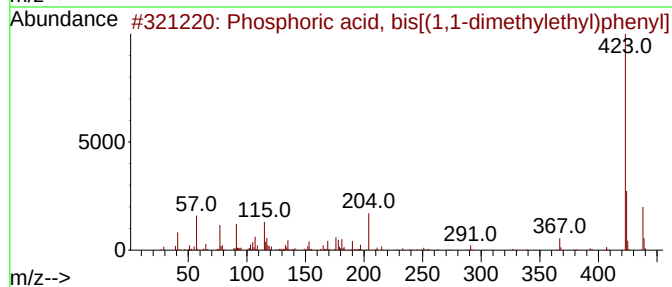
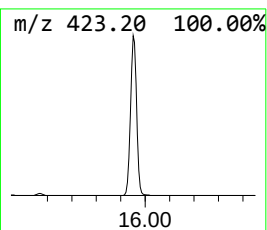
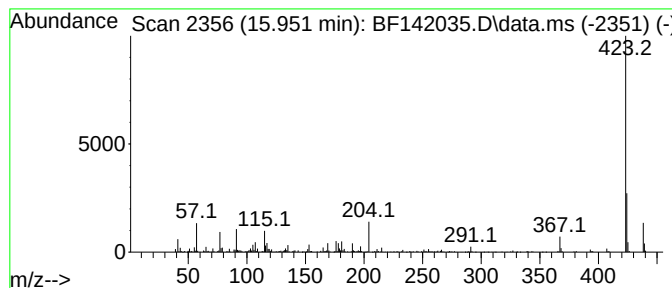
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phosphoric acid, bis[(1,1-d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	12.53 ng	647736	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphoric acid, bis[(1,1-dimeth...	438	C26H31O4P	065652-41-7	99
2			1,5-Bis[4-fluorophenyl]-2,5-dihy...	438	C27H20F2N4	004447-85-2	64
3			Lapachol, heptafluorobutyrate	438	C19H13F7O4	1000462-03-0	38
4			cis-15-Tetracosenoic acid, tert-...	480	C30H60O2Si	1000333-24-5	36
5			decanamide, N-[4-[4-(diethylami...	423	C27H41N3O	1000399-16-7	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

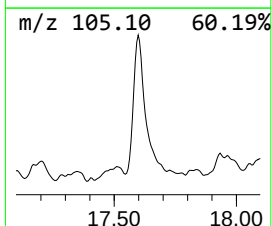
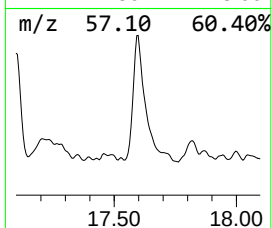
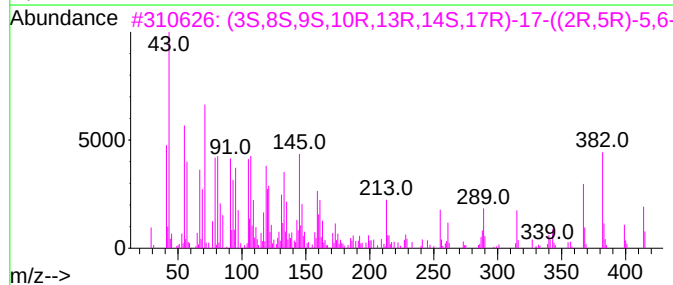
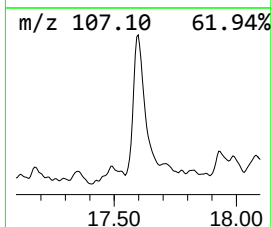
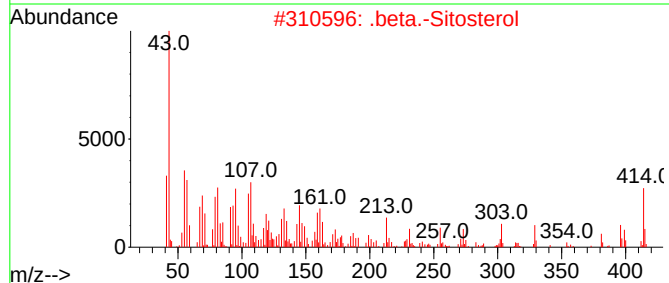
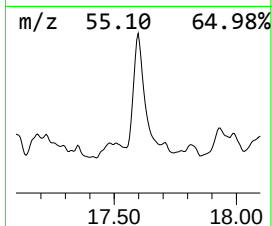
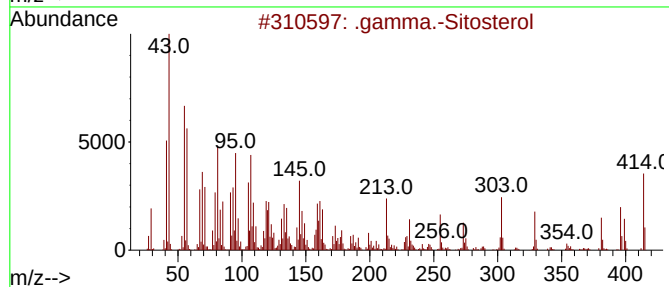
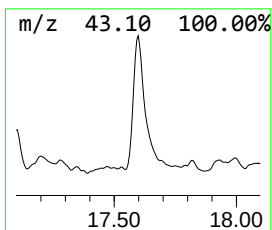
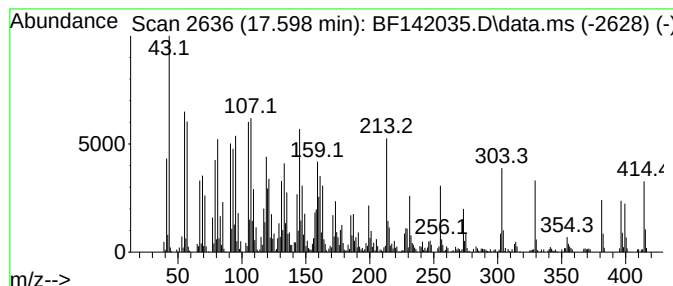
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.598	23.98 ng	1239940	Perylene-d12	15.504
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 91
3		(3S,8S,9S,10R,13R,14S,17R)-17-((...)	414 C29H50O	029365-29-5 83
4		Campesterol	400 C28H48O	000474-62-4 20
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414 C29H50O	1000210-86-9 11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

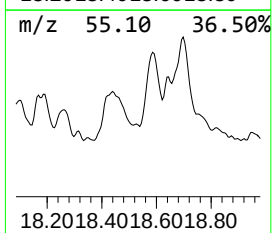
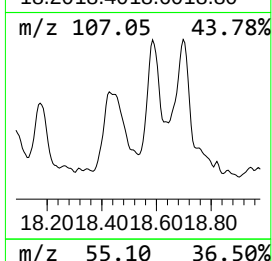
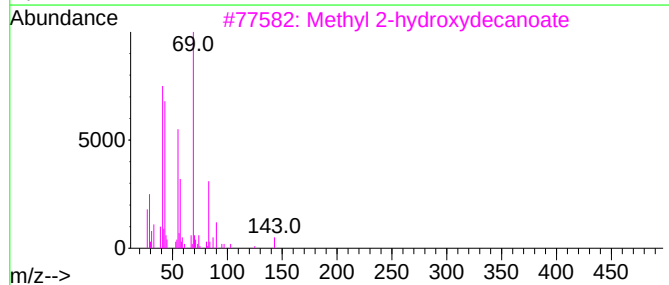
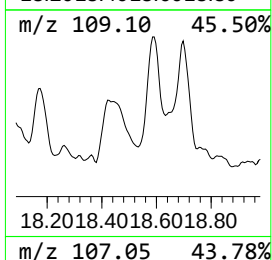
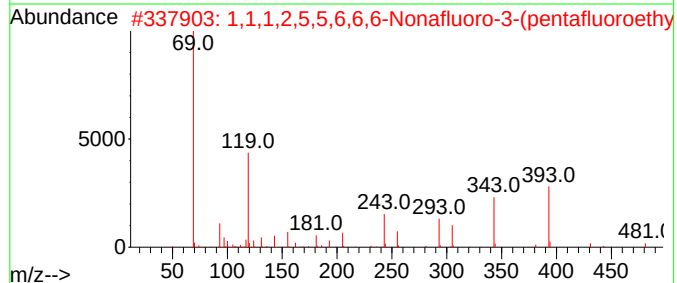
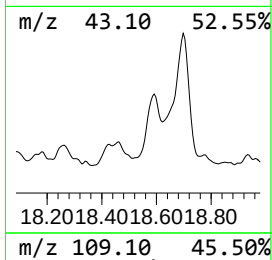
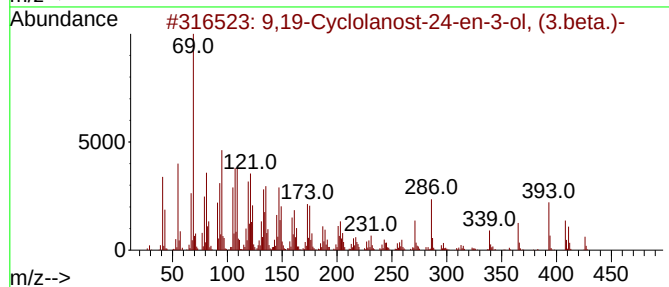
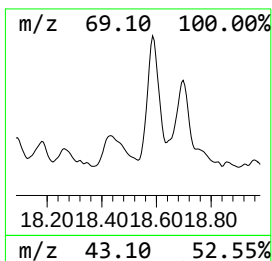
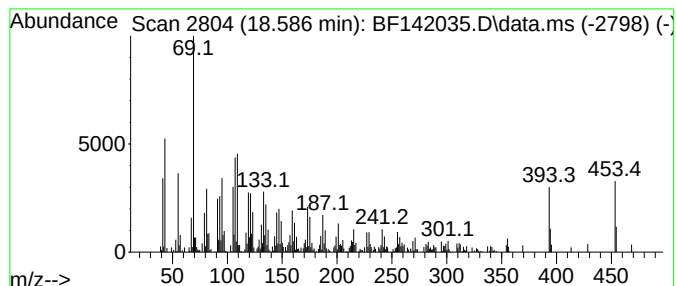
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.586 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	6.14 ng	317630	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,19-Cyclolanost-24-en-3-ol, (3...	426	C30H50O	000469-38-5	49		
2	1,1,1,2,5,5,6,6,6-Nonafluoro-3-(...	500	C10F20	1000461-21-4	12		
3	Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	9		
4	4-Geranyloxy-3-hydroxy-5-methoxy...	332	C19H24O5	076878-70-1	9		
5	3a-Cholesterol acetate	428	C29H48O2	001059-85-4	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142035.D
Acq On : 21 Mar 2025 17:50
Operator : RC/JU
Sample : Q1610-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

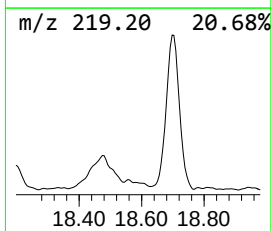
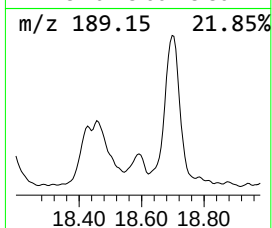
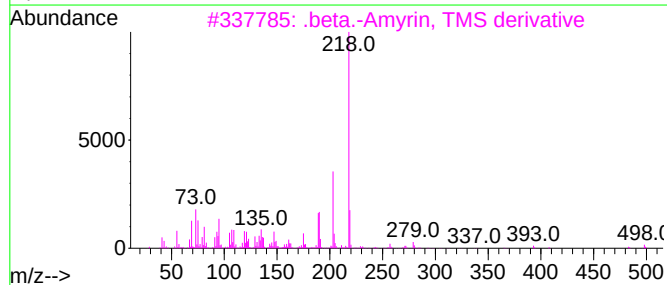
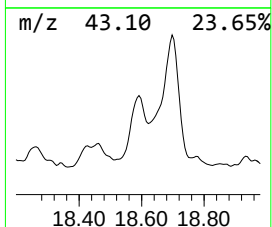
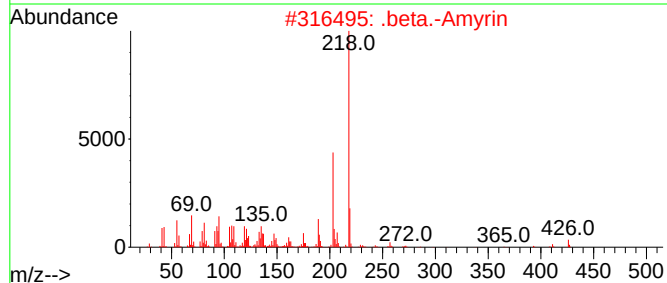
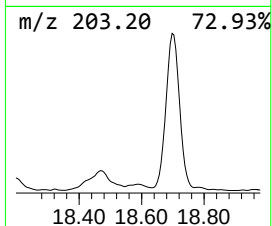
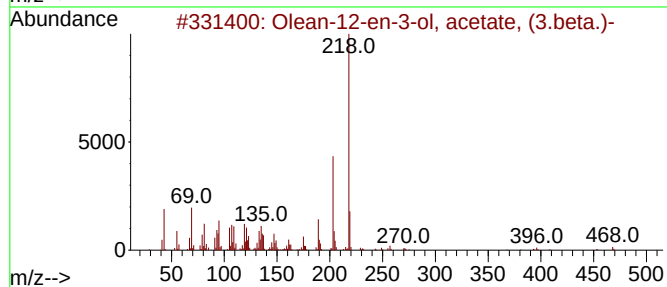
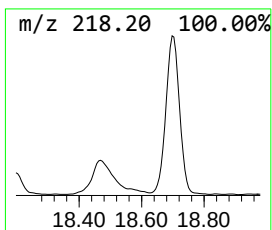
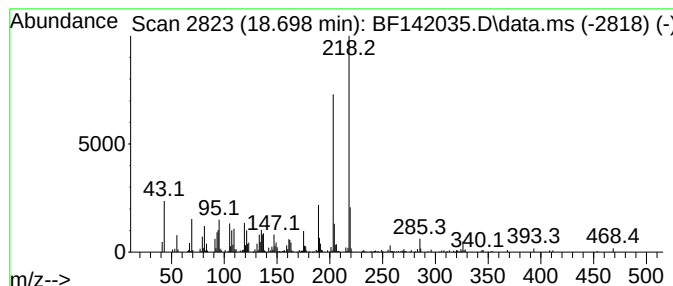
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Olean-12-en-3-ol, acetate, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	16.49 ng	852424	Perylene-d12	15.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Olean-12-en-3-ol, acetate, (3.be...	468	C32H52O2	001616-93-9	97
2		.beta.-Amyrin	426	C30H50O	000559-70-6	87
3		.beta.-Amyrin, TMS derivative	498	C33H58OSi	001721-67-1	74
4		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	72
5		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142035.D
 Acq On : 21 Mar 2025 17:50
 Operator : RC/JU
 Sample : Q1610-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
Butane, 2-metho...	2.157	33.6	ng	1373050	1	6.875	817136	20.0
3-Penten-2-one,...	4.481	2.1	ng	84356	1	6.875	817136	20.0
Benzophenone	10.622	4.3	ng	246958	3	9.910	1163150	20.0
n-Hexadecanoic ...	11.922	20.9	ng	1088800	4	11.392	1041750	20.0
unknown12.316	12.316	5.0	ng	263062	4	11.392	1041750	20.0
Octadecanoic acid	12.704	20.3	ng	1059330	4	11.392	1041750	20.0
2-Phenanthrenol...	13.410	2.8	ng	265559	5	14.033	1909000	20.0
Triphenyl phosph...	13.651	11.4	ng	1085420	5	14.033	1909000	20.0
3-Eicosene, (E)-	13.874	4.1	ng	395009	5	14.033	1909000	20.0
Octadecane	14.504	4.8	ng	456797	5	14.033	1909000	20.0
4-(tert-Butyl)p...	14.710	14.2	ng	1359520	5	14.033	1909000	20.0
Supraene	14.880	3.4	ng	175780	6	15.504	1033930	20.0
Hexadecane, 1-i...	15.151	17.4	ng	898019	6	15.504	1033930	20.0
.beta.-Tocopherol	15.786	3.4	ng	174816	6	15.504	1033930	20.0
Phosphoric acid...	15.951	12.5	ng	647736	6	15.504	1033930	20.0
.gamma.-Sitosterol	17.598	24.0	ng	1239940	6	15.504	1033930	20.0
unknown18.586	18.586	6.1	ng	317630	6	15.504	1033930	20.0
Olean-12-en-3-o...	18.698	16.5	ng	852424	6	15.504	1033930	20.0