

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142132.D
 Acq On : 27 Mar 2025 18:45
 Operator : RC/JU
 Sample : Q1648-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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: BF142132.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	19	rVB	880728	1375920	52.33%	5.878%
2	5.081	500	508	521	rBV2	80273	133499	5.08%	0.570%
3	5.481	570	576	592	rBV	1385388	1858876	70.70%	7.941%
4	6.493	742	748	766	rBV	1379119	1927231	73.30%	8.234%
5	6.869	807	812	820	rBV	779446	964677	36.69%	4.121%
6	7.428	901	907	918	rBV	993265	1298768	49.40%	5.549%
7	7.687	946	951	958	rBV	18056	28932	1.10%	0.124%
8	8.151	1024	1030	1048	rBV	1048683	1379043	52.45%	5.892%
9	9.222	1207	1212	1223	rBV	1981877	2629137	100.00%	11.232%
10	9.904	1323	1328	1344	rVB	1244764	1616848	61.50%	6.907%
11	10.616	1444	1449	1457	rVV	216135	276819	10.53%	1.183%
12	10.692	1457	1462	1476	rVV	879692	1143154	43.48%	4.884%
13	10.804	1476	1481	1491	rVB	31325	56743	2.16%	0.242%
14	11.392	1576	1581	1590	rBV2	1147885	1669946	63.52%	7.134%
15	11.469	1590	1594	1598	rVB	28766	41131	1.56%	0.176%
16	11.627	1616	1621	1627	rBV3	16591	33309	1.27%	0.142%
17	11.922	1662	1671	1675	rBV2	67824	167054	6.35%	0.714%
18	12.004	1682	1685	1694	rVB3	49560	101833	3.87%	0.435%
19	12.192	1710	1717	1719	rBV2	23087	42568	1.62%	0.182%
20	12.604	1783	1787	1792	rBV	282758	359834	13.69%	1.537%
21	12.698	1797	1803	1812	rBV3	56781	132739	5.05%	0.567%
22	12.833	1820	1826	1832	rBV	270500	400546	15.23%	1.711%
23	12.974	1844	1850	1858	rVB	1761458	2315806	88.08%	9.894%
24	13.057	1859	1864	1870	rVV3	26068	45978	1.75%	0.196%
25	13.157	1875	1881	1885	rVB2	31632	64170	2.44%	0.274%
26	13.269	1896	1900	1907	rVB2	31893	57603	2.19%	0.246%
27	13.874	1999	2003	2014	rBV2	84089	153241	5.83%	0.655%
28	14.033	2023	2030	2044	rBV2	754084	1276166	48.54%	5.452%
29	14.498	2106	2109	2114	rBV5	27092	46623	1.77%	0.199%
30	14.880	2170	2174	2178	rBV	71696	105680	4.02%	0.451%
31	15.074	2202	2207	2216	rBV	124542	274669	10.45%	1.173%
32	15.380	2255	2259	2265	rVB	80864	127616	4.85%	0.545%
33	15.439	2265	2269	2275	rVV	96359	145824	5.55%	0.623%
34	15.510	2275	2281	2293	rVB	589703	996639	37.91%	4.258%
35	16.992	2528	2533	2542	rVB2	39066	87039	3.31%	0.372%
36	17.439	2605	2609	2618	rVB	33520	71526	2.72%	0.306%

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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

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

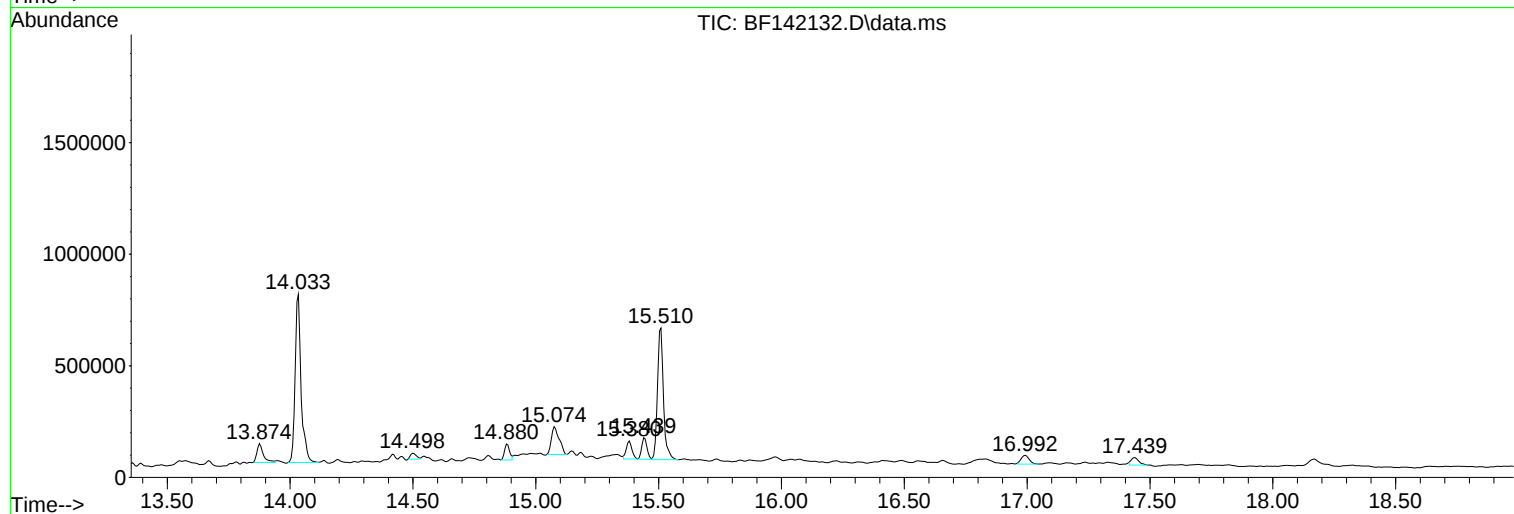
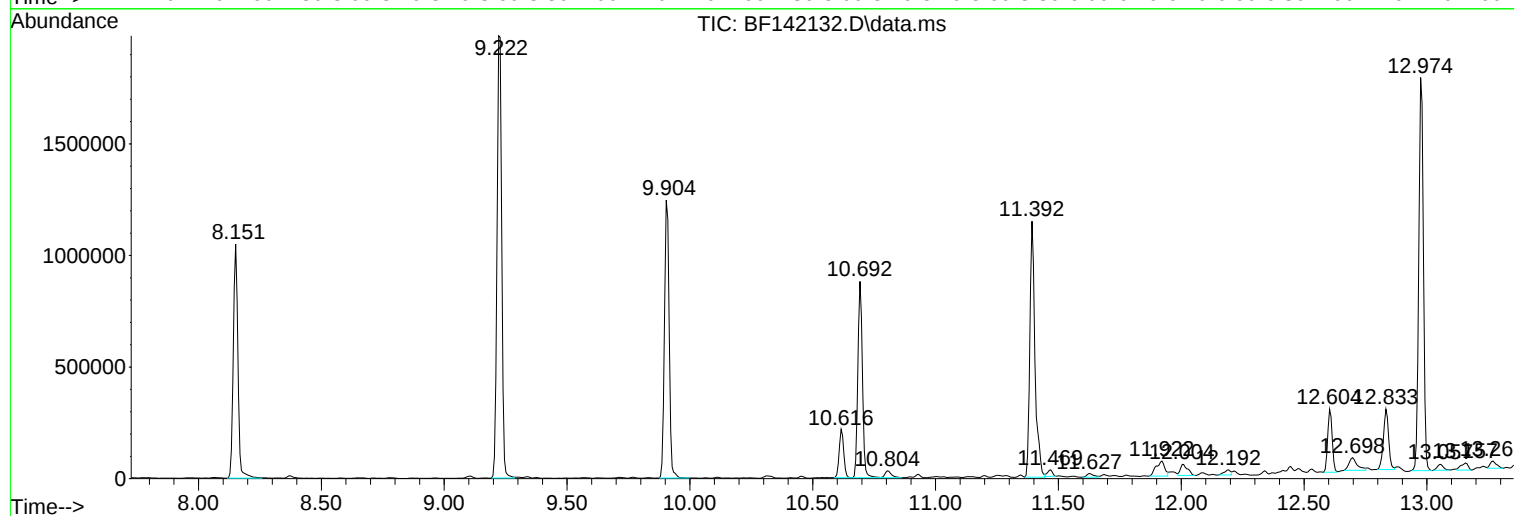
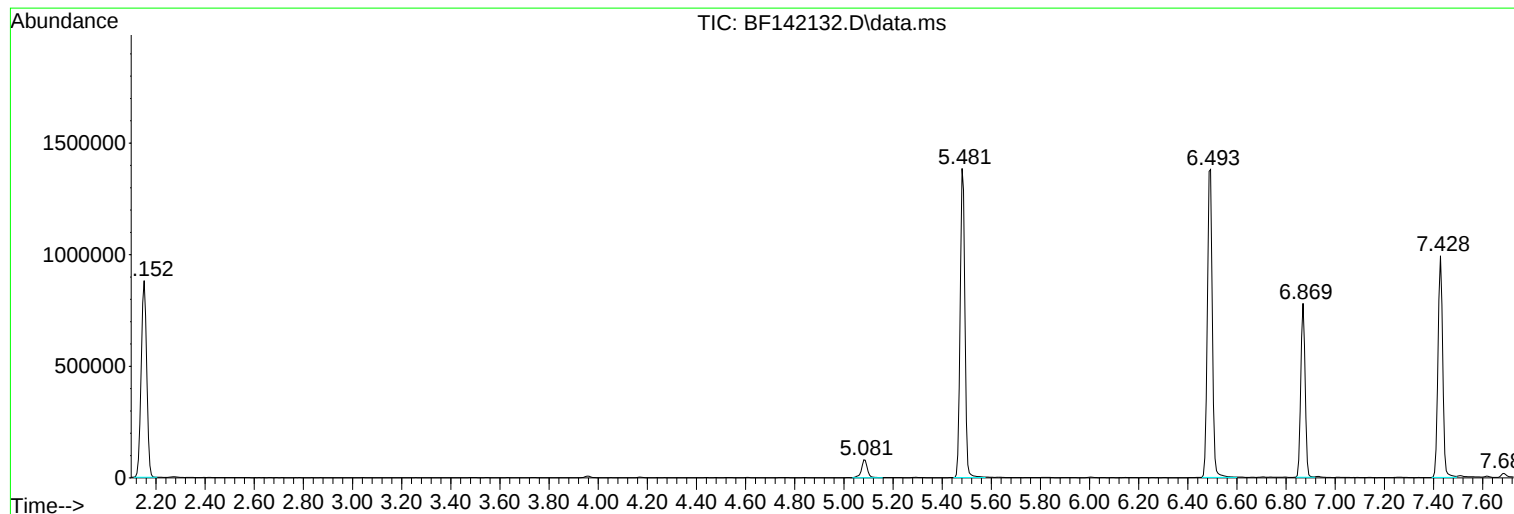
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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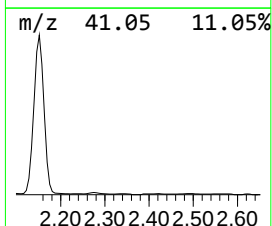
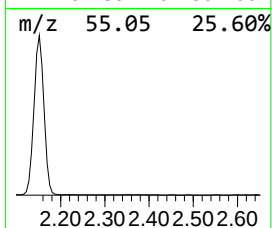
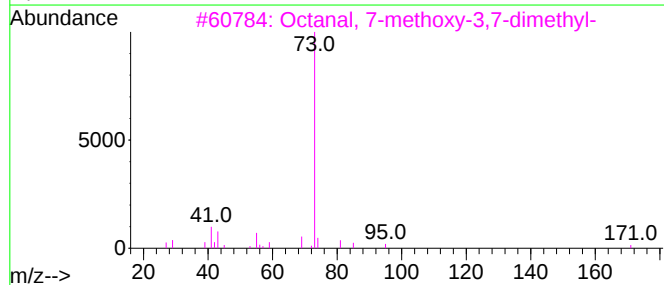
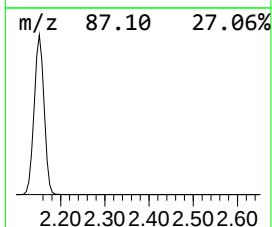
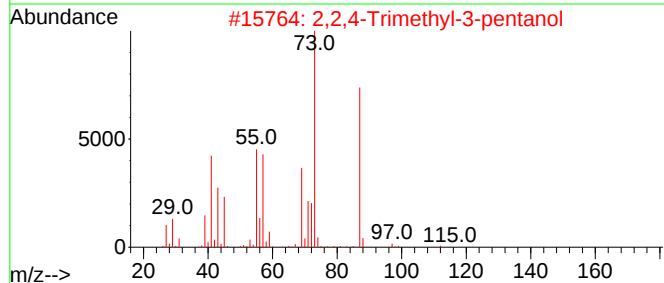
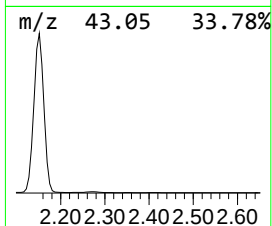
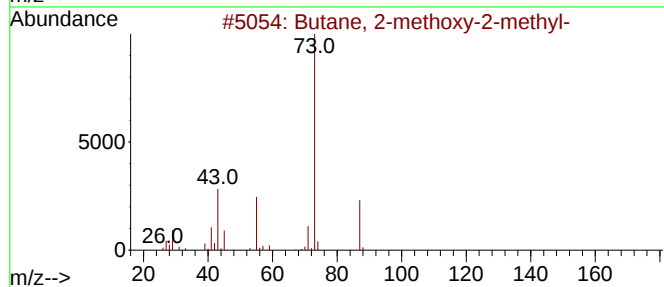
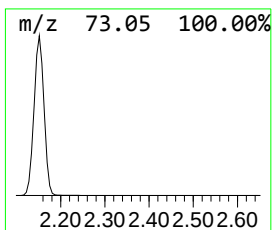
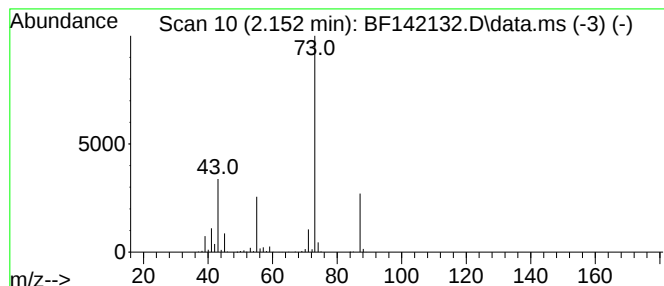
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	28.53 ng	1375920	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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Misc :
ALS Vial : 7 Sample Multiplier: 1

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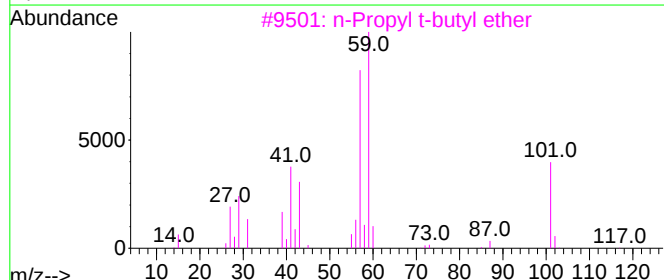
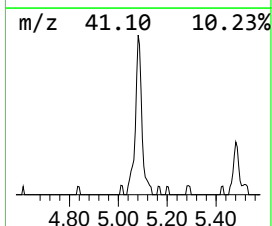
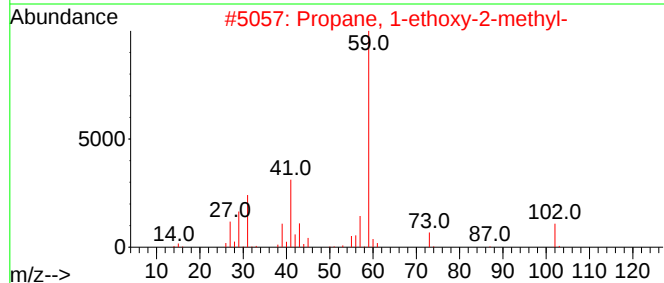
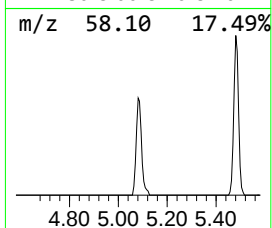
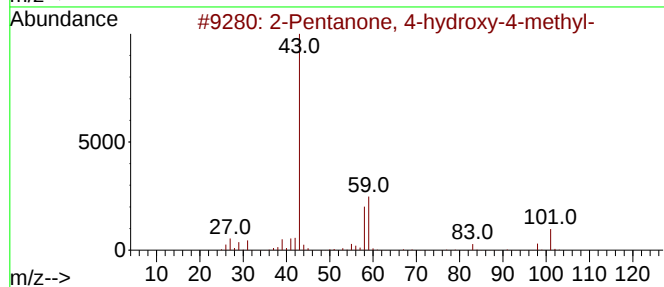
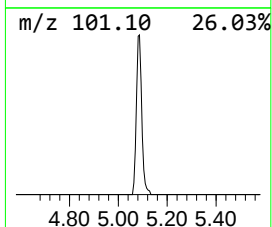
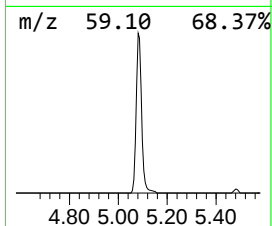
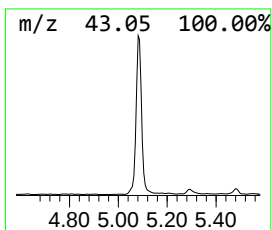
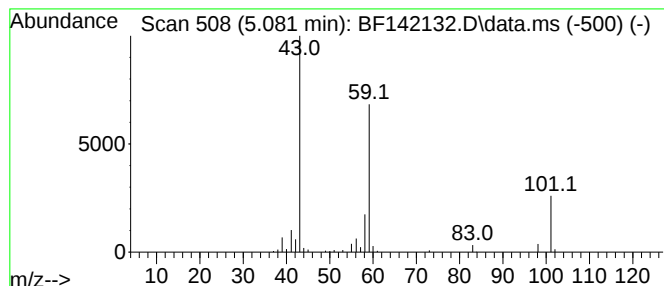
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	2.77 ng	133499	1,4-Dichlorobenzene-d4	6.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12



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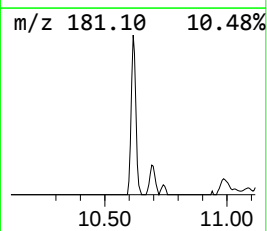
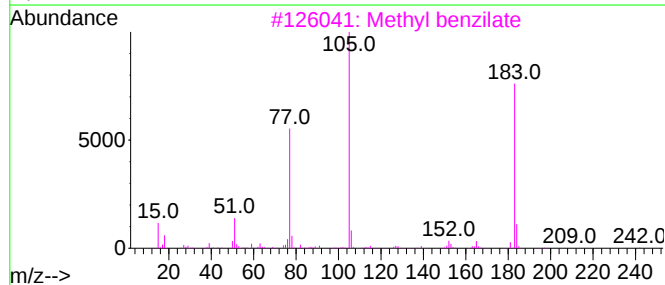
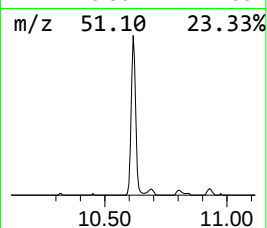
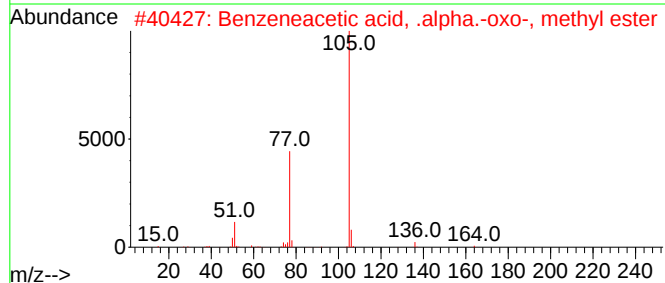
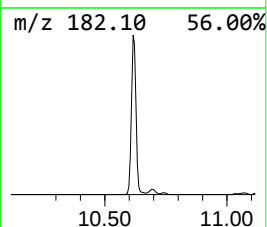
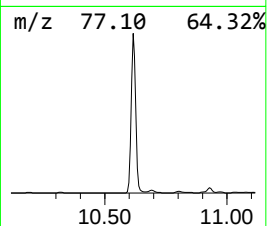
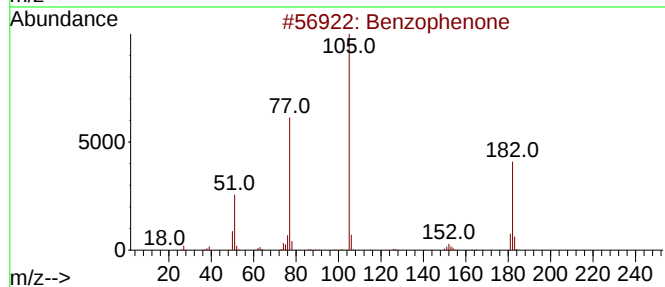
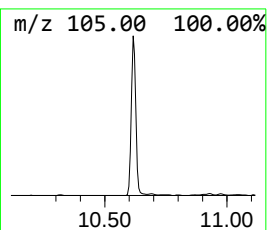
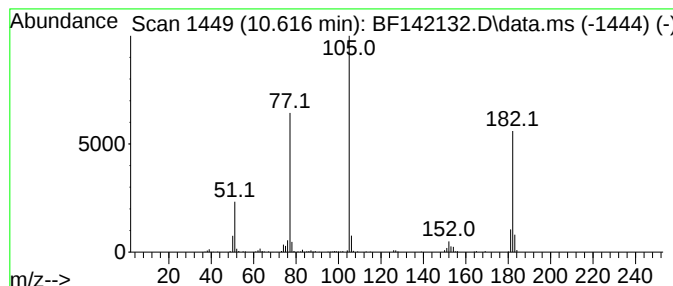
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.42 ng	276819	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
3			Methyl benzilate	242	C15H14O3	000076-89-1	47
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47



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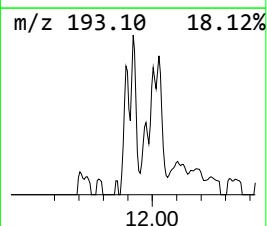
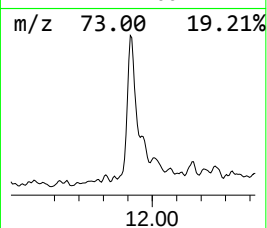
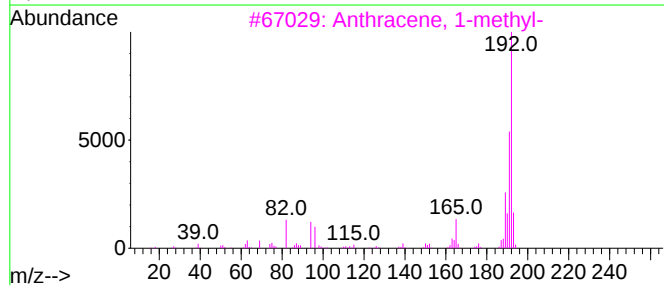
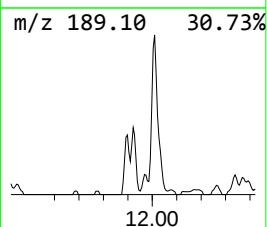
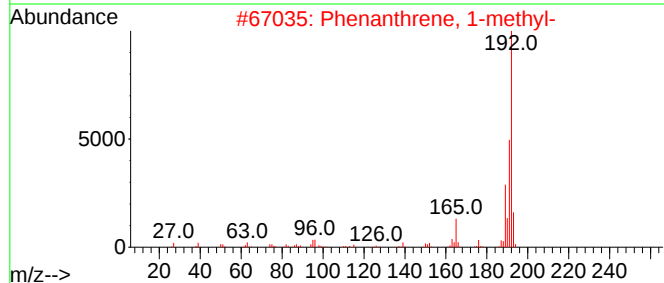
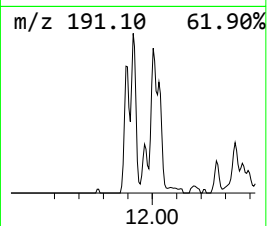
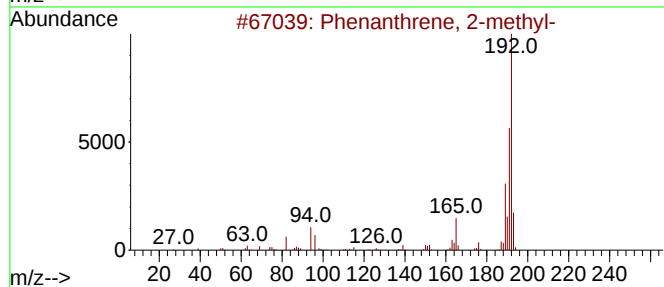
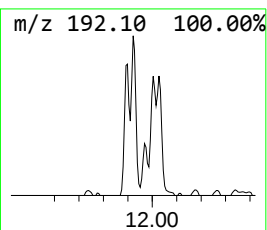
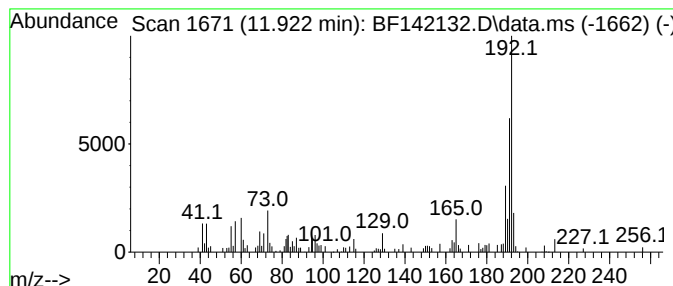
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.00 ng	167054	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



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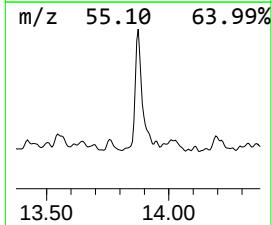
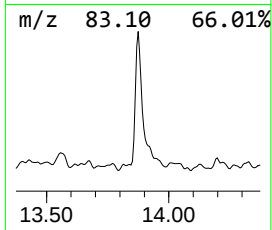
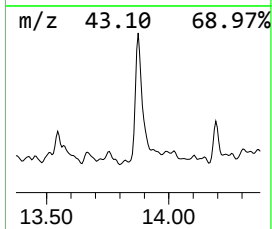
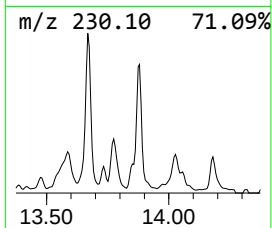
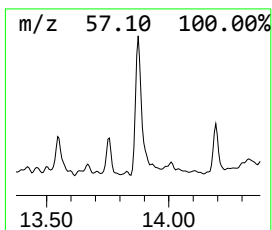
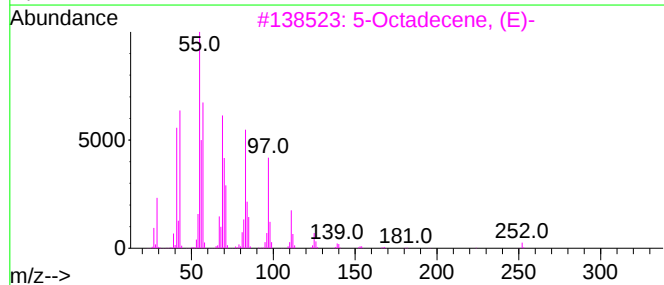
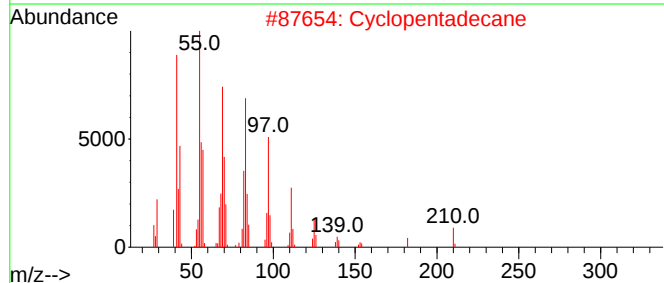
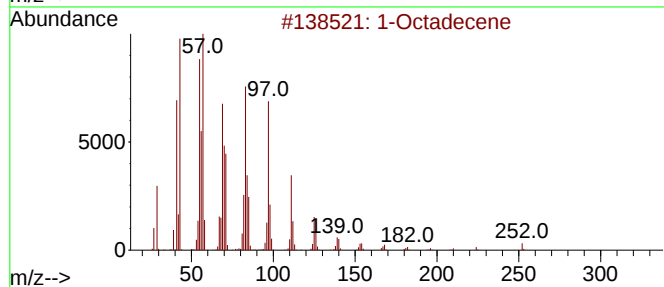
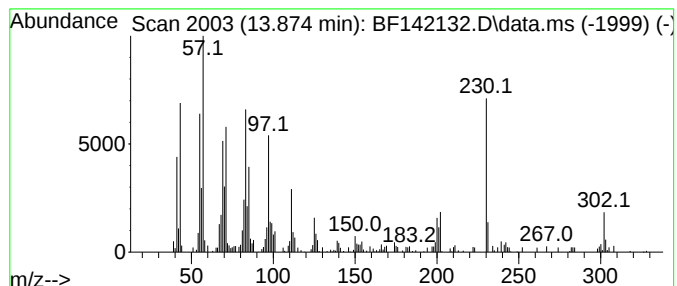
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	2.40 ng	153241	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	95
2			Cyclopentadecane	210	C15H30	000295-48-7	90
3			5-Octadecene, (E)-	252	C18H36	007206-21-5	90
4			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142132.D
Acq On : 27 Mar 2025 18:45
Operator : RC/JU
Sample : Q1648-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

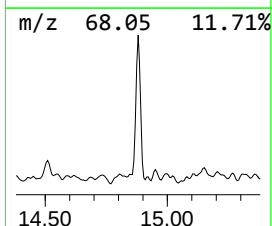
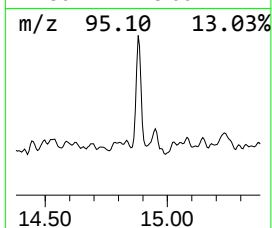
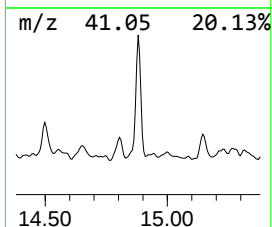
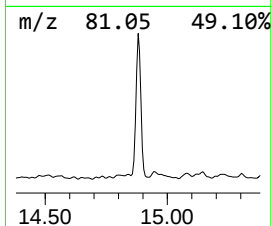
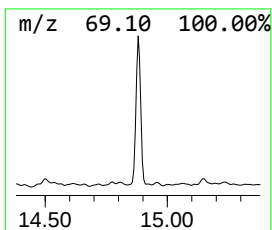
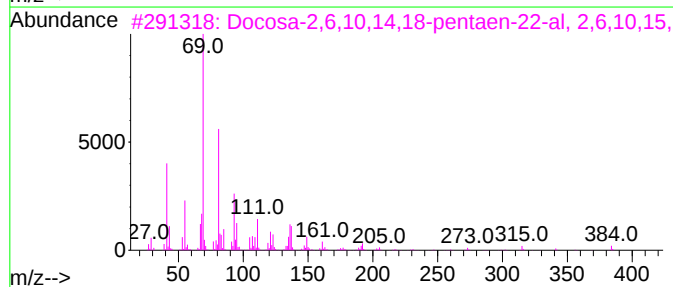
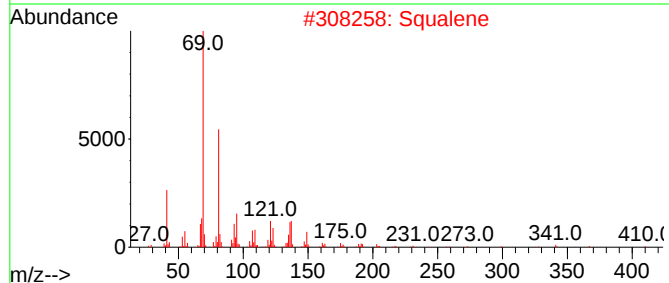
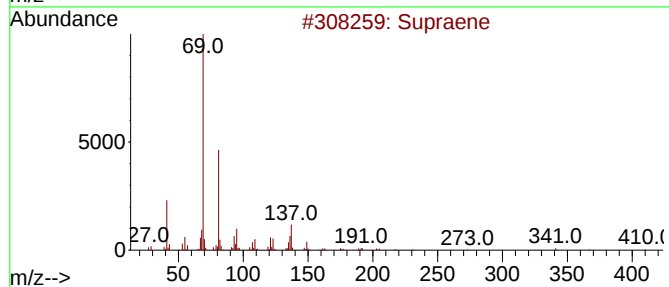
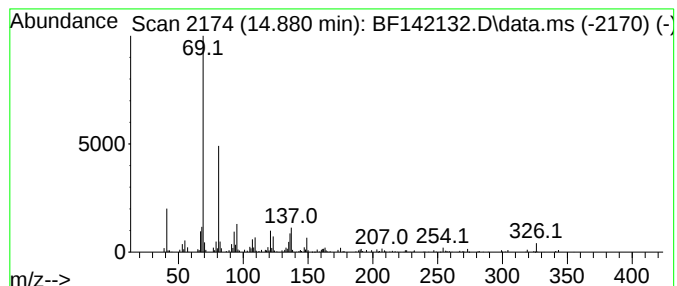
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	2.12 ng	105680	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	87
2			Squalene	410	C30H50	000111-02-4	86
3			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86
4			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142132.D
Acq On : 27 Mar 2025 18:45
Operator : RC/JU
Sample : Q1648-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

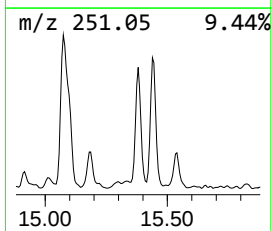
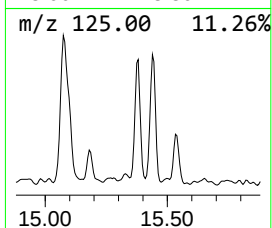
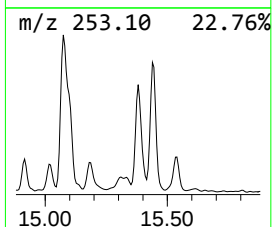
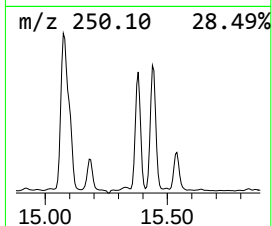
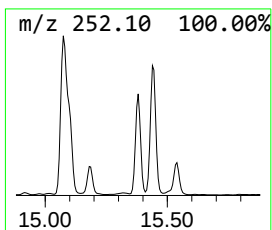
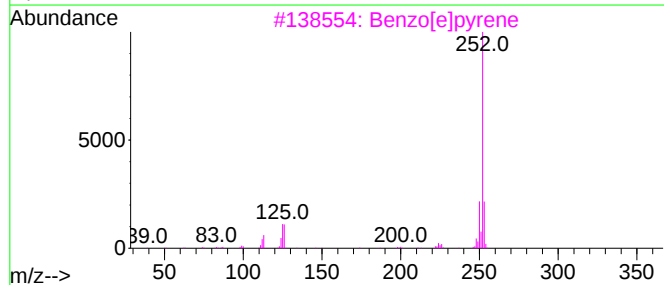
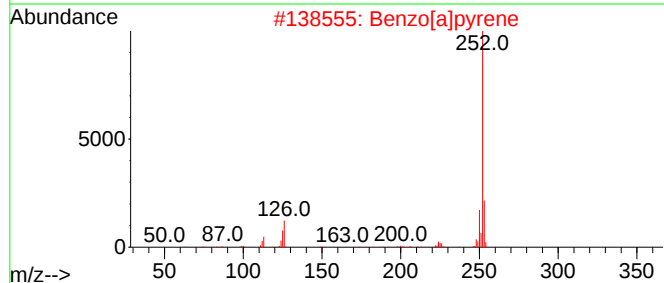
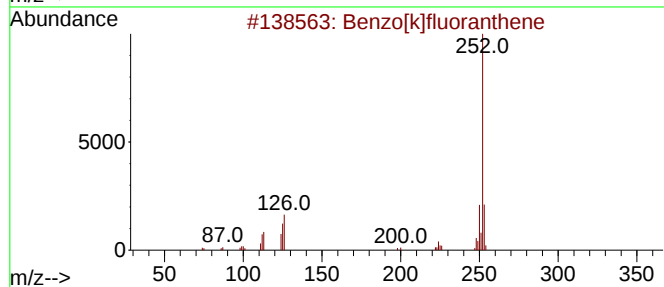
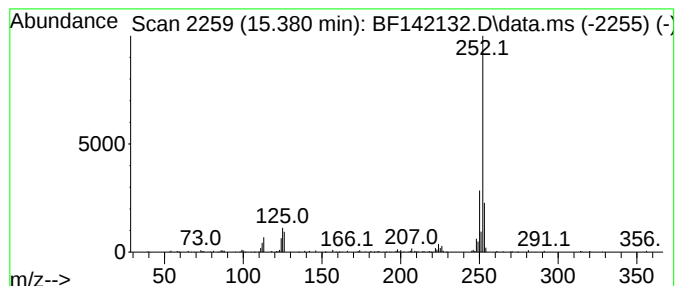
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	2.56 ng	127616	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	94
3			Benzo[e]pyrene	252	C20H12	000192-97-2	93
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5			Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142132.D
Acq On : 27 Mar 2025 18:45
Operator : RC/JU
Sample : Q1648-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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...	2.152	28.5	ng	1375920	1	6.869	964677	20.0
2-Pentanone, 4-...	5.081	2.8	ng	133499	1	6.869	964677	20.0
Benzophenone	10.616	3.4	ng	276819	3	9.904	1616850	20.0
Phenanthrene, 2...	11.922	2.0	ng	167054	4	11.392	1669950	20.0
1-Octadecene	13.874	2.4	ng	153241	5	14.033	1276170	20.0
Supraene	14.880	2.1	ng	105680	6	15.510	996639	20.0
Benzo[e]pyrene	15.380	2.6	ng	127616	6	15.510	996639	20.0