

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142451.D
 Acq On : 19 May 2025 15:04
 Operator : RC/JU
 Sample : Q2032-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32

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-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	204	209	237	rBV	37679	96148	4.21%	0.470%
2	5.116	488	497	505	rVB	160546	238584	10.44%	1.167%
3	5.516	559	565	570	rBV	1588693	2088049	91.41%	10.210%
4	6.522	729	736	741	rBV	1428311	1974565	86.44%	9.655%
5	6.722	760	770	779	rBV	35300	50442	2.21%	0.247%
6	6.898	795	800	805	rBV	591705	730358	31.97%	3.571%
7	7.457	889	895	900	rBV	922675	1210583	53.00%	5.919%
8	8.181	1013	1018	1024	rBV	694526	888125	38.88%	4.343%
9	8.492	1066	1071	1081	rBV	76790	110250	4.83%	0.539%
10	9.257	1195	1201	1206	rBV	1837088	2284251	100.00%	11.169%
11	9.939	1311	1317	1322	rBV	800782	1006220	44.05%	4.920%
12	10.034	1326	1333	1339	rBV	1463531	2270719	99.41%	11.103%
13	10.651	1432	1438	1445	rBV	75364	96713	4.23%	0.473%
14	10.728	1445	1451	1464	rVV	1169872	1541232	67.47%	7.536%
15	11.428	1564	1570	1577	rBV	802476	1085996	47.54%	5.310%
16	11.951	1651	1659	1670	rBV	342239	532837	23.33%	2.605%
17	12.039	1670	1674	1682	rVB	14674	35215	1.54%	0.172%
18	12.469	1742	1747	1752	rBV2	29694	50137	2.19%	0.245%
19	12.639	1771	1776	1779	rBV	66247	90717	3.97%	0.444%
20	12.733	1788	1792	1803	rVB	105615	148723	6.51%	0.727%
21	12.869	1810	1815	1818	rVV	47601	65433	2.86%	0.320%
22	12.904	1818	1821	1828	rVB4	15302	24963	1.09%	0.122%
23	13.010	1833	1839	1844	rBV	1631539	2057725	90.08%	10.062%
24	13.216	1863	1874	1880	rBV4	27529	65730	2.88%	0.321%
25	13.904	1986	1991	2003	rBV	93624	160547	7.03%	0.785%
26	14.063	2012	2018	2030	rBV	529318	748178	32.75%	3.658%
27	14.539	2094	2099	2108	rBV3	19165	42014	1.84%	0.205%
28	14.710	2124	2128	2137	rVB	21269	32415	1.42%	0.158%
29	15.116	2192	2197	2207	rBV	16993	48123	2.11%	0.235%
30	15.557	2265	2272	2289	rBV	427015	676434	29.61%	3.308%

Sum of corrected areas: 20451426

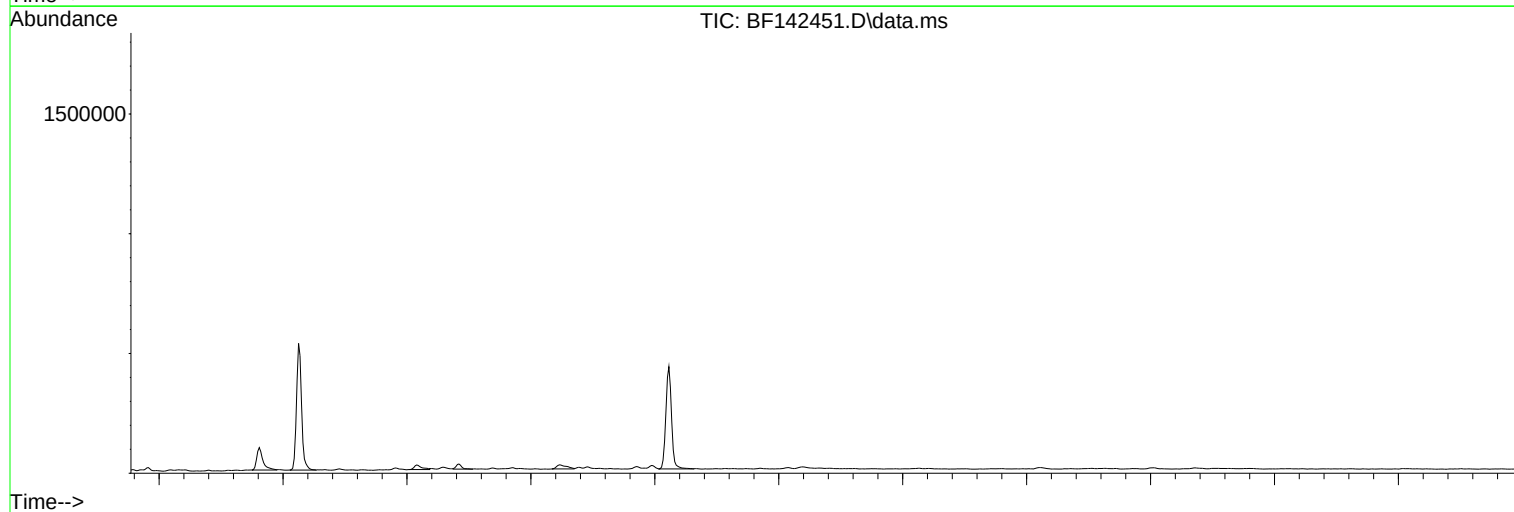
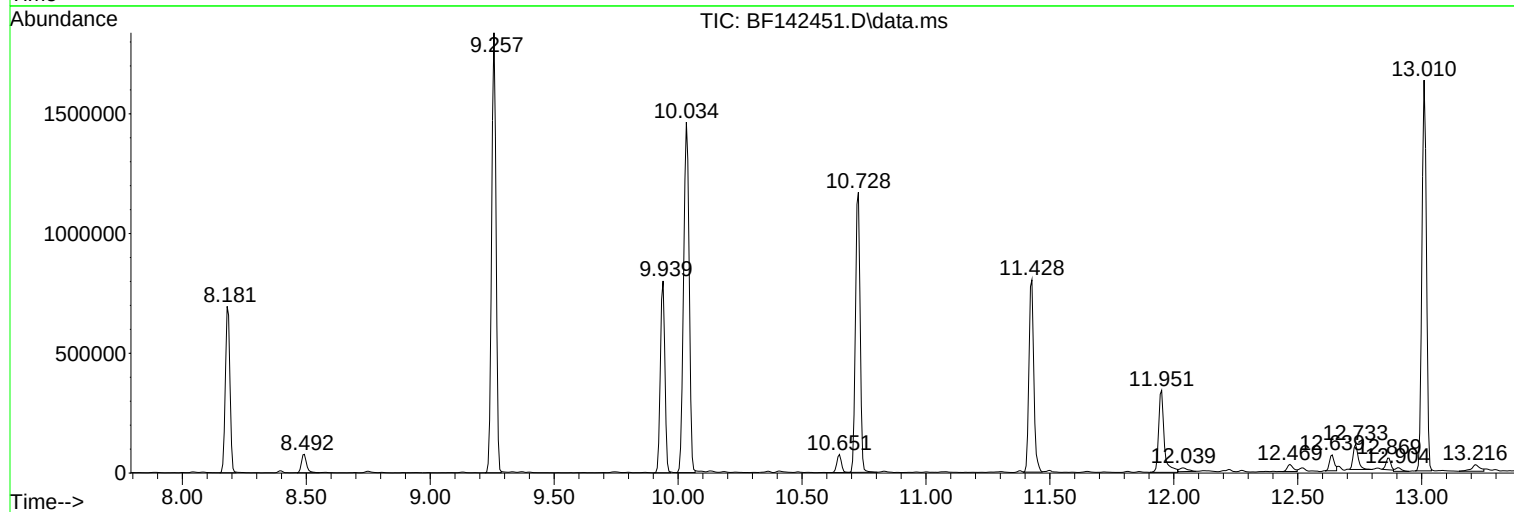
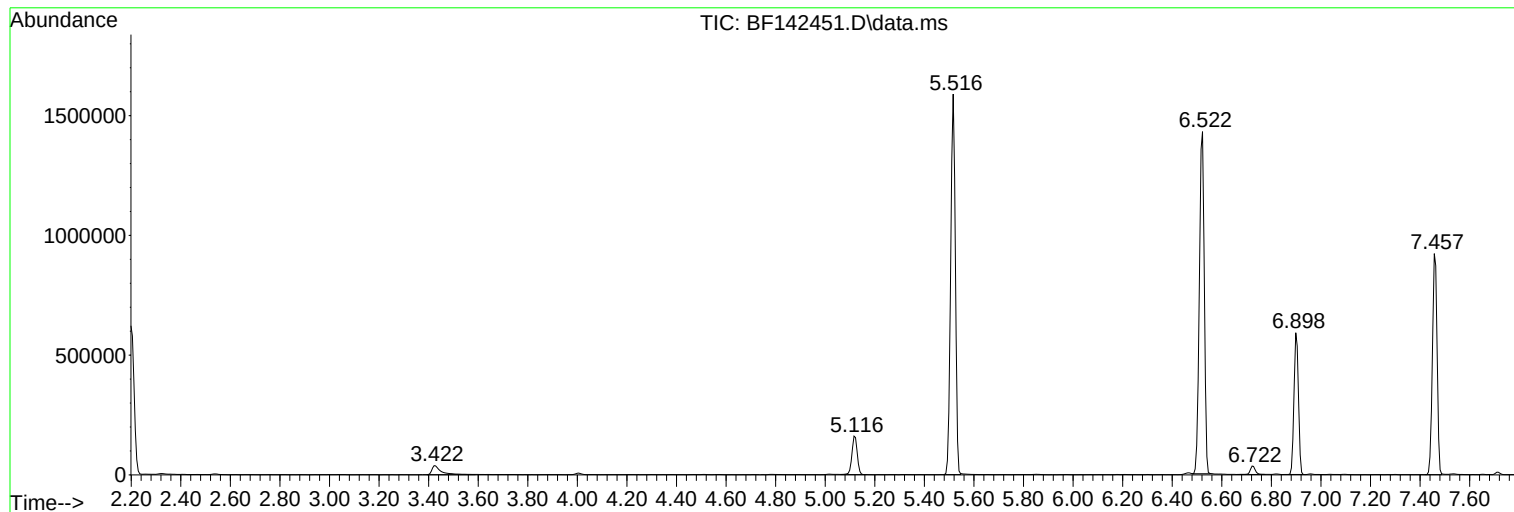
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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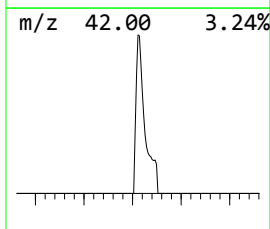
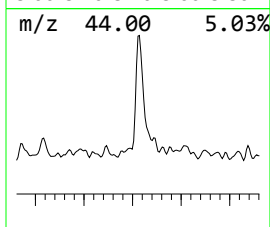
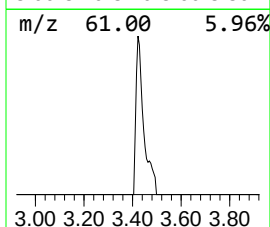
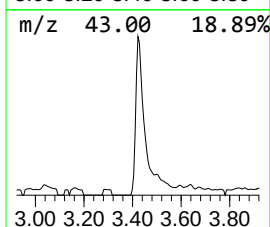
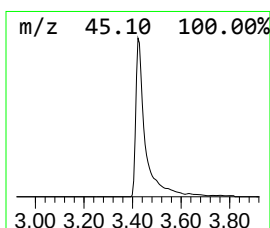
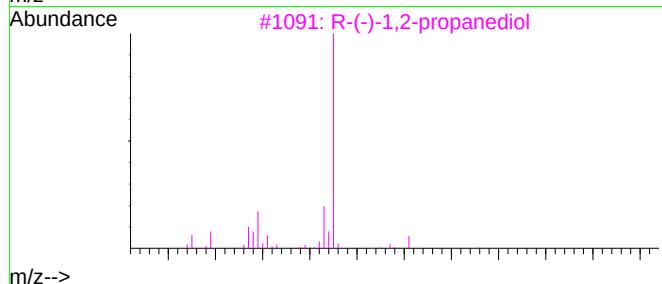
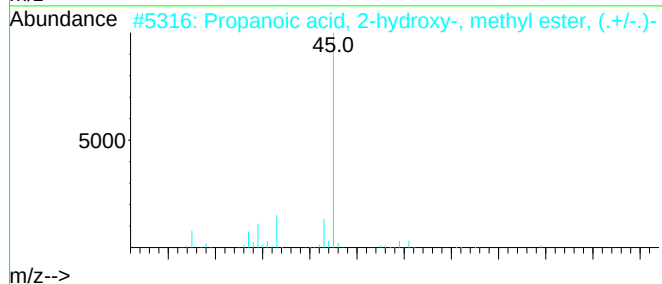
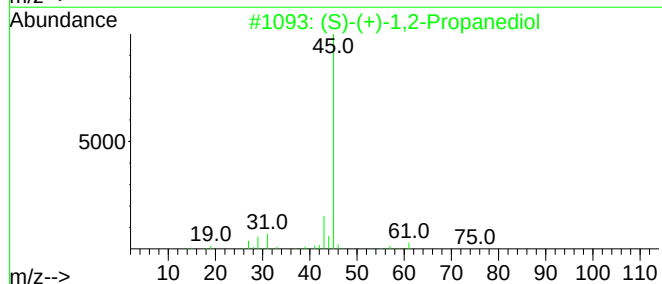
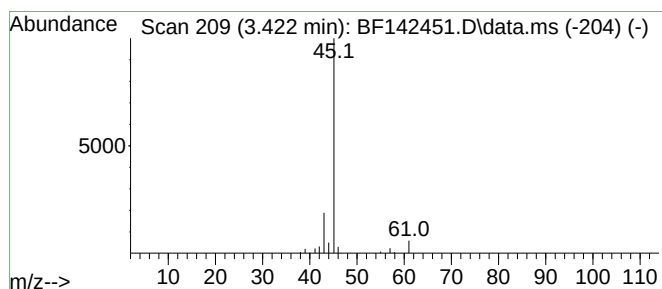
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown3.422 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.422	2.63 ng	96148	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
2	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	Formamide	45	CH3NO	000075-12-7	7



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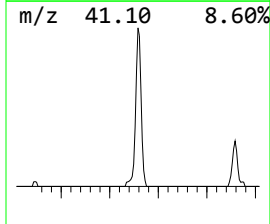
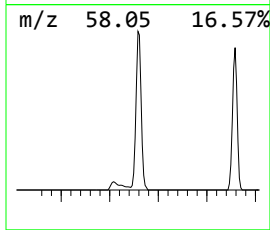
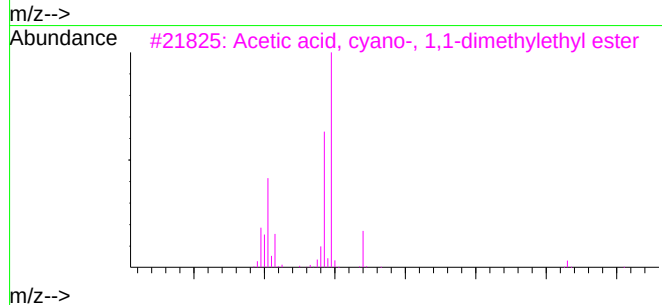
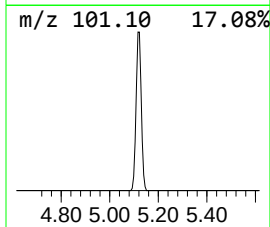
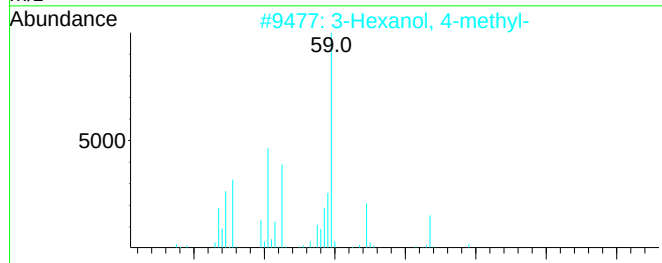
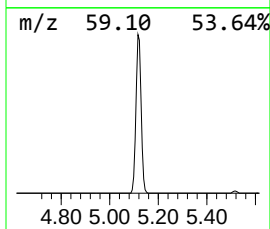
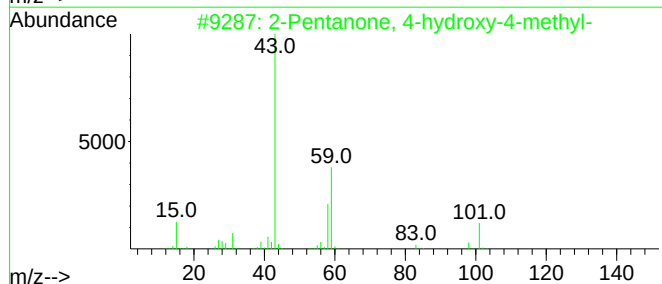
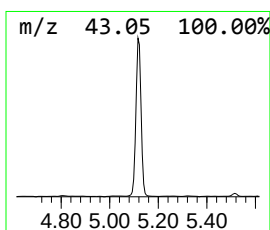
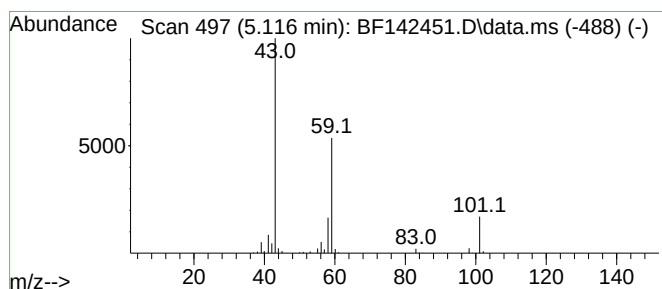
TIC Library : C:\Database\NIST20.L

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.
5.116	6.53 ng	238584	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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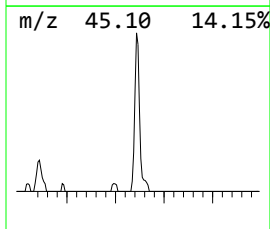
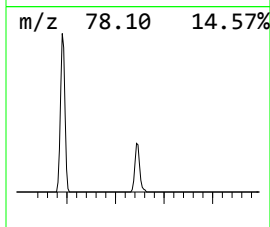
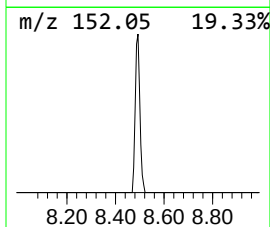
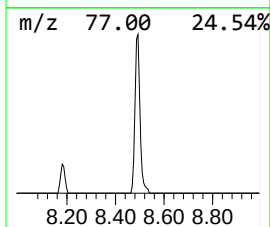
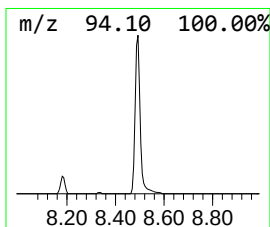
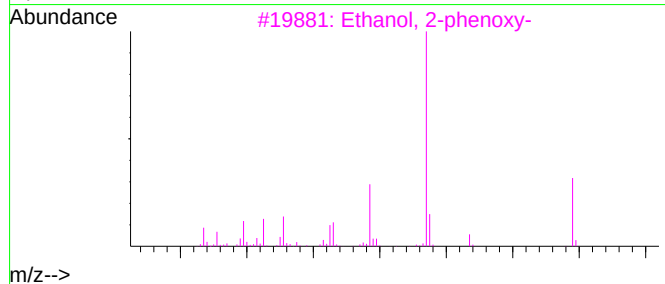
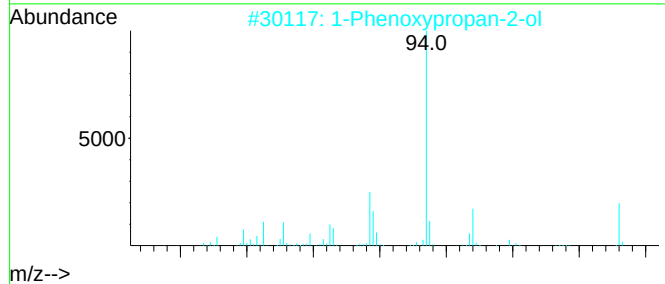
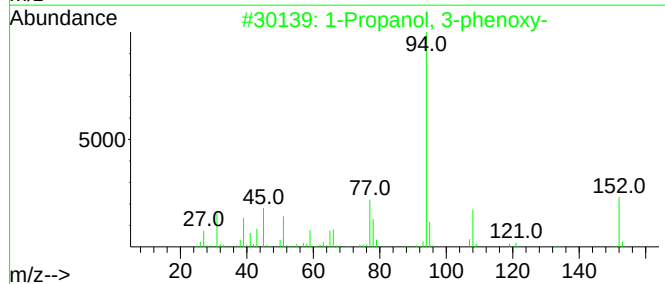
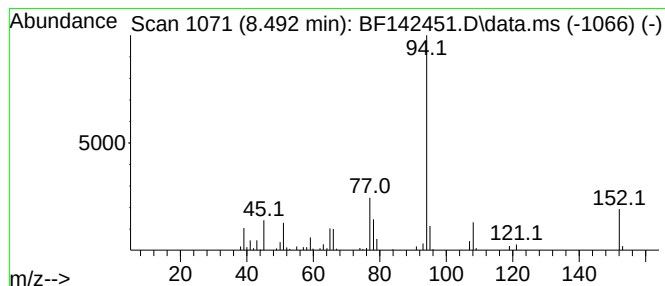
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TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Propanol, 3-phenoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.492	2.48 ng	110250	Naphthalene-d8	8.181	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	97
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59
4	Benzene, propoxy-	136	C9H12O	000622-85-5	53
5	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	53



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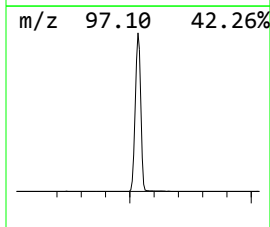
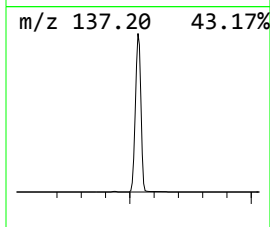
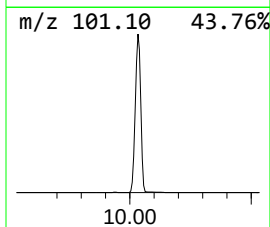
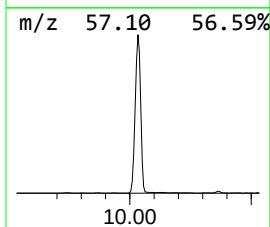
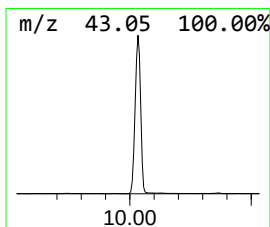
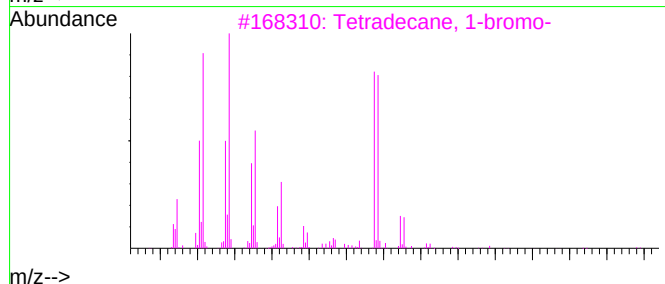
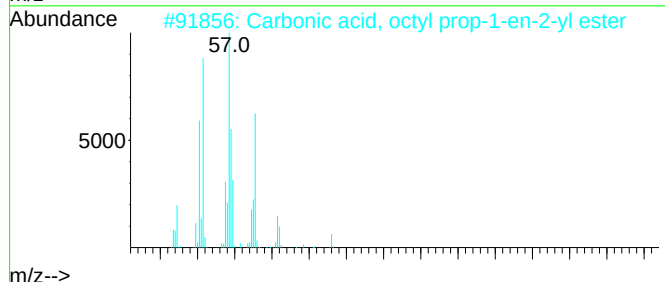
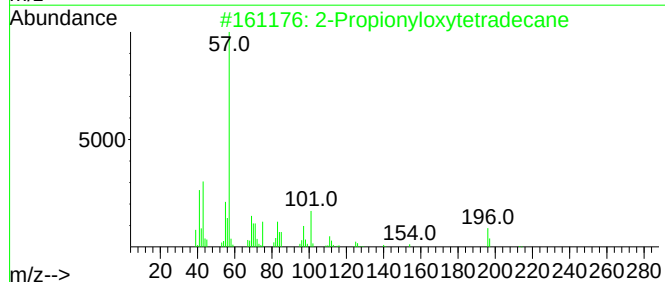
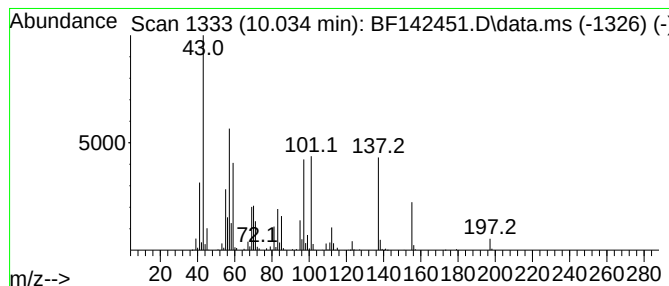
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.034 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	45.13 ng	2270720	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propionyloxytetradecane	270	C17H34O2	1000245-62-7	16
2	Carbonic acid, octyl prop-1-en-2...	214	C12H22O3	1000382-54-0	12
3	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10
4	Decyl heptyl ether	256	C17H36O	1000406-39-1	10
5	Pent-4-enoyl amide, 2-methyl-N-p...	155	C9H17NO	1000420-35-2	10



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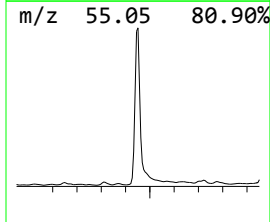
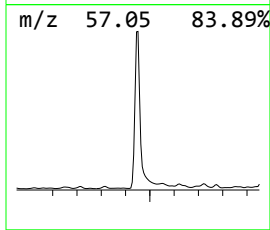
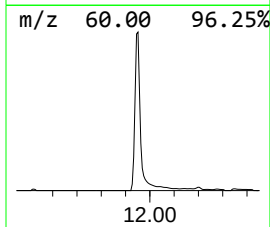
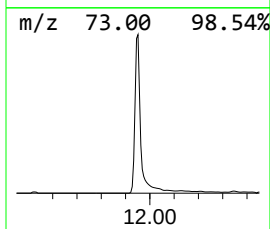
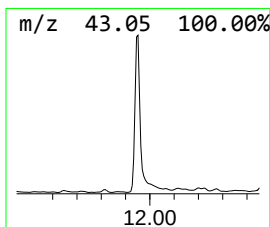
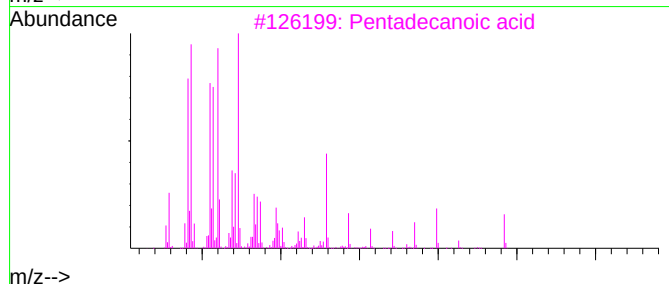
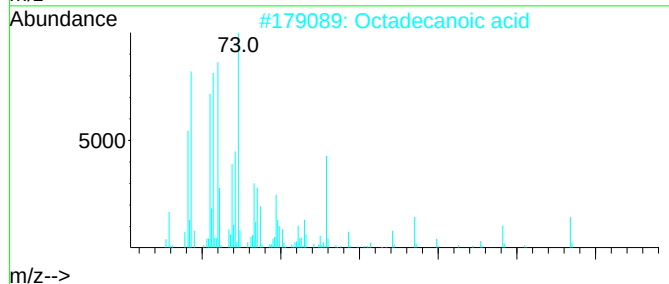
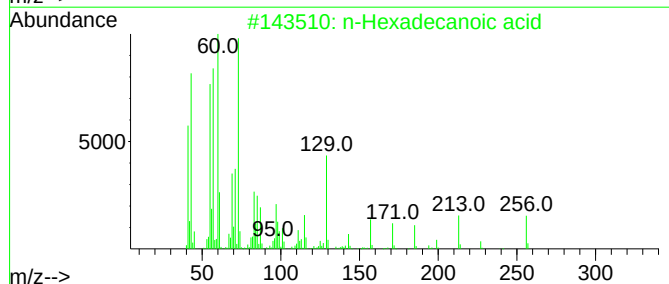
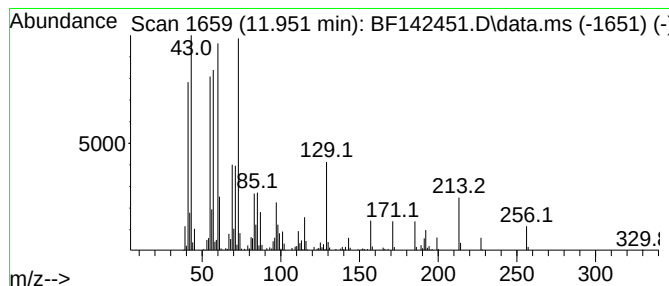
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TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.951	9.81 ng	532837	Phenanthrene-d10		11.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Octadecanoic acid		284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
4	Tridecanoic acid		214	C13H26O2	000638-53-9	89
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	72



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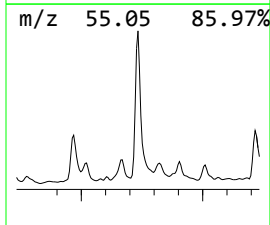
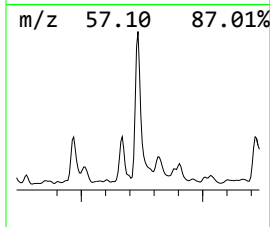
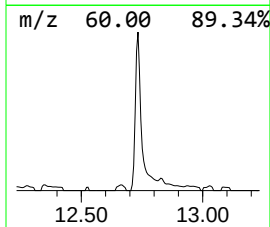
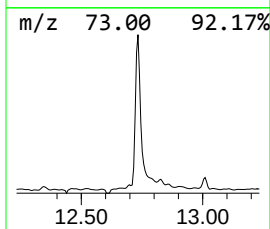
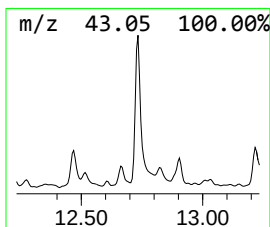
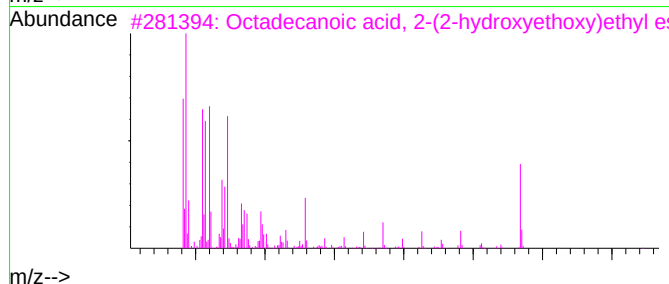
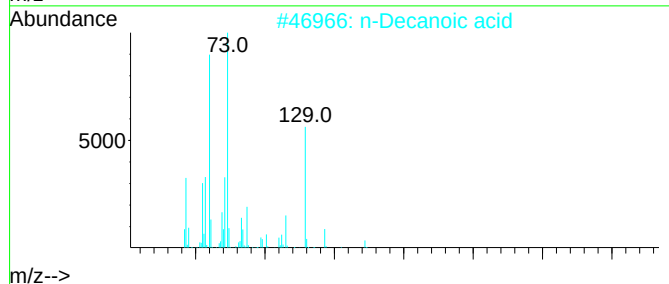
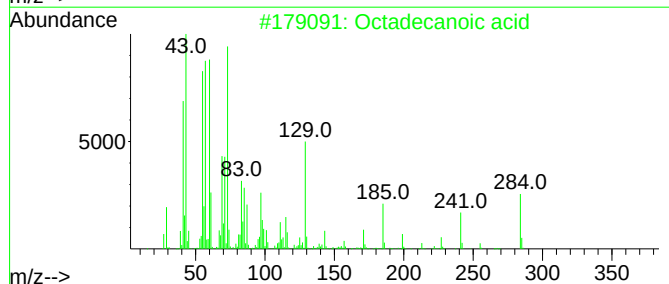
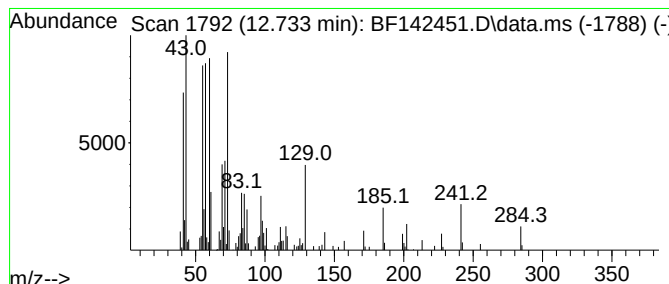
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.733	2.74 ng	148723	Phenanthrene-d10	11.428	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	92
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
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\BF051925\
Data File : BF142451.D
Acq On : 19 May 2025 15:04
Operator : RC/JU
Sample : Q2032-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

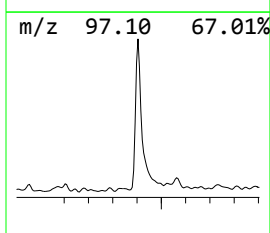
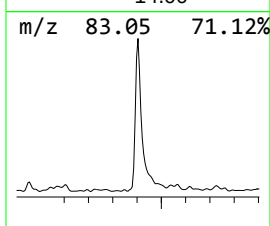
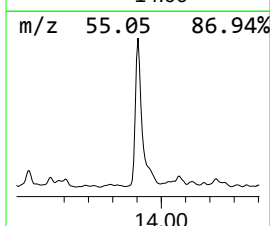
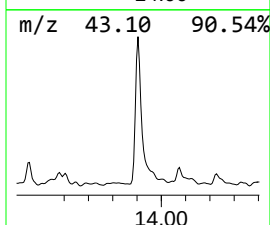
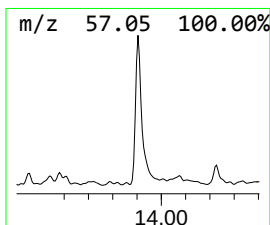
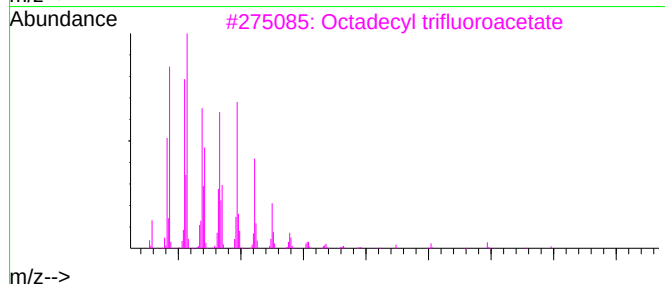
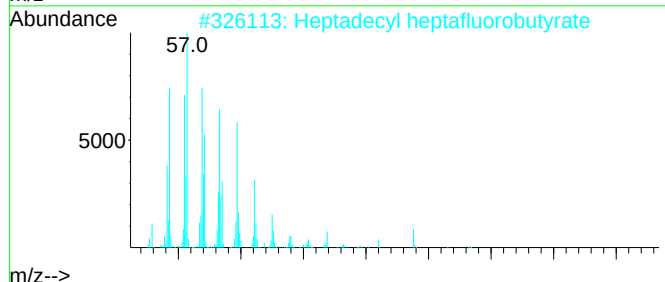
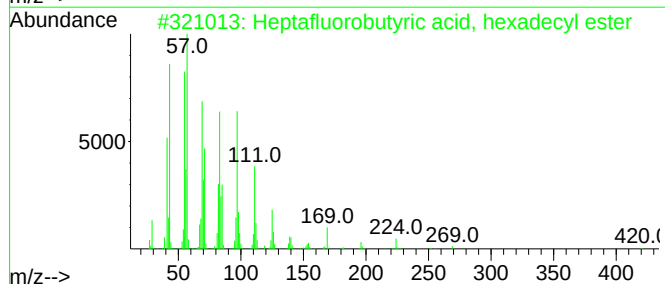
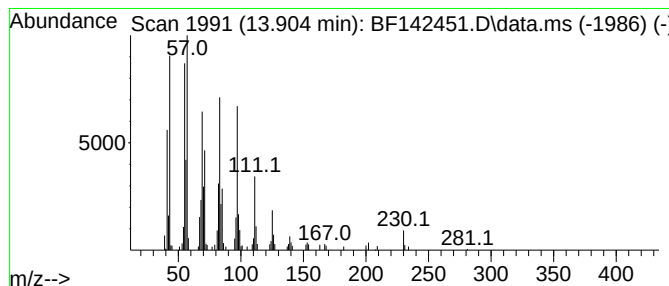
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptafluorobutyric acid, he... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.29 ng	160547	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142451.D
Acq On : 19 May 2025 15:04
Operator : RC/JU
Sample : Q2032-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.422	3.422	2.6	ng	96148	1	6.898	730358	20.0
2-Pentanone, 4-...	5.116	6.5	ng	238584	1	6.898	730358	20.0
1-Propanol, 3-p...	8.492	2.5	ng	110250	2	8.181	888125	20.0
unknown10.034	10.034	45.1	ng	2270720	3	9.939	1006220	20.0
n-Hexadecanoic ...	11.951	9.8	ng	532837	4	11.428	1086000	20.0
Octadecanoic acid	12.733	2.7	ng	148723	4	11.428	1086000	20.0
Heptafluorobuty...	13.904	4.3	ng	160547	5	14.063	748178	20.0