

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141841.D
 Acq On : 05 Mar 2025 13:53
 Operator : RC/JU
 Sample : Q1488-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-SB02

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-BF022725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	6	13	29	rVB	1013467	1614472	38.09%	4.853%
2	5.110	499	513	519	rBV2	31332	59491	1.40%	0.179%
3	5.498	573	579	584	rBV	2941856	3867796	91.26%	11.627%
4	6.498	743	749	763	rBV	2904662	3994341	94.25%	12.008%
5	6.886	809	815	820	rBV	976155	1204423	28.42%	3.621%
6	7.439	903	909	914	rBV	1911461	2489839	58.75%	7.485%
7	7.692	948	952	960	rVB	82867	105069	2.48%	0.316%
8	8.163	1026	1032	1040	rBV	1219125	1563229	36.89%	4.699%
9	8.375	1063	1068	1076	rVB2	32007	45994	1.09%	0.138%
10	9.239	1209	1215	1220	rBV	3403635	4238028	100.00%	12.740%
11	9.916	1325	1330	1336	rBV	1318802	1673935	39.50%	5.032%
12	10.627	1446	1451	1458	rBV	293649	366543	8.65%	1.102%
13	10.704	1458	1464	1469	rBV	2153680	2702677	63.77%	8.125%
14	11.404	1578	1583	1590	rBV	1251628	1585655	37.41%	4.767%
15	11.798	1645	1650	1655	rVB	31939	45050	1.06%	0.135%
16	11.927	1666	1672	1684	rBV	407307	636086	15.01%	1.912%
17	12.486	1762	1767	1778	rVB3	91635	186634	4.40%	0.561%
18	12.615	1782	1789	1798	rBV	65147	137548	3.25%	0.413%
19	12.710	1801	1805	1817	rBV	77774	130929	3.09%	0.394%
20	12.839	1824	1827	1833	rBV	42855	60177	1.42%	0.181%
21	12.986	1847	1852	1860	rBV	2477050	3126522	73.77%	9.399%
22	13.886	2001	2005	2015	rVB	105691	181518	4.28%	0.546%
23	14.039	2025	2031	2044	rVB	980625	1390727	32.82%	4.181%
24	14.898	2173	2177	2197	rVB2	65023	124676	2.94%	0.375%
25	15.080	2204	2208	2216	rVB	68123	141643	3.34%	0.426%
26	15.380	2256	2259	2265	rVB	45719	67624	1.60%	0.203%
27	15.445	2267	2270	2275	rVV	44581	64179	1.51%	0.193%
28	15.509	2275	2281	2295	rVB	897339	1460023	34.45%	4.389%

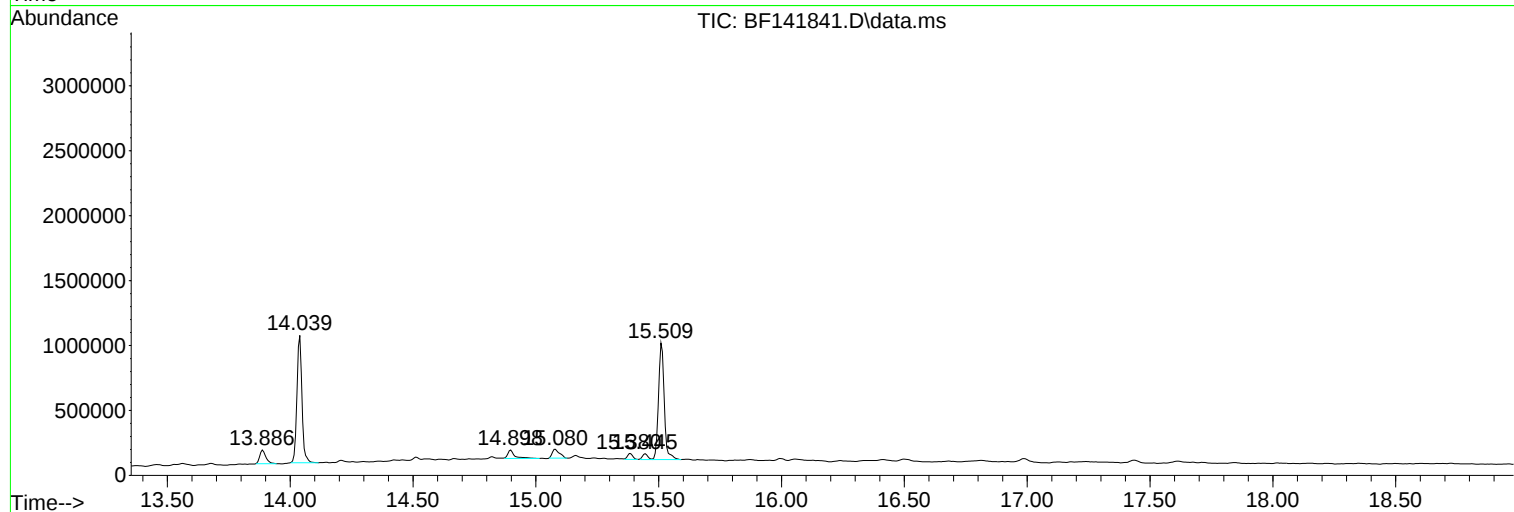
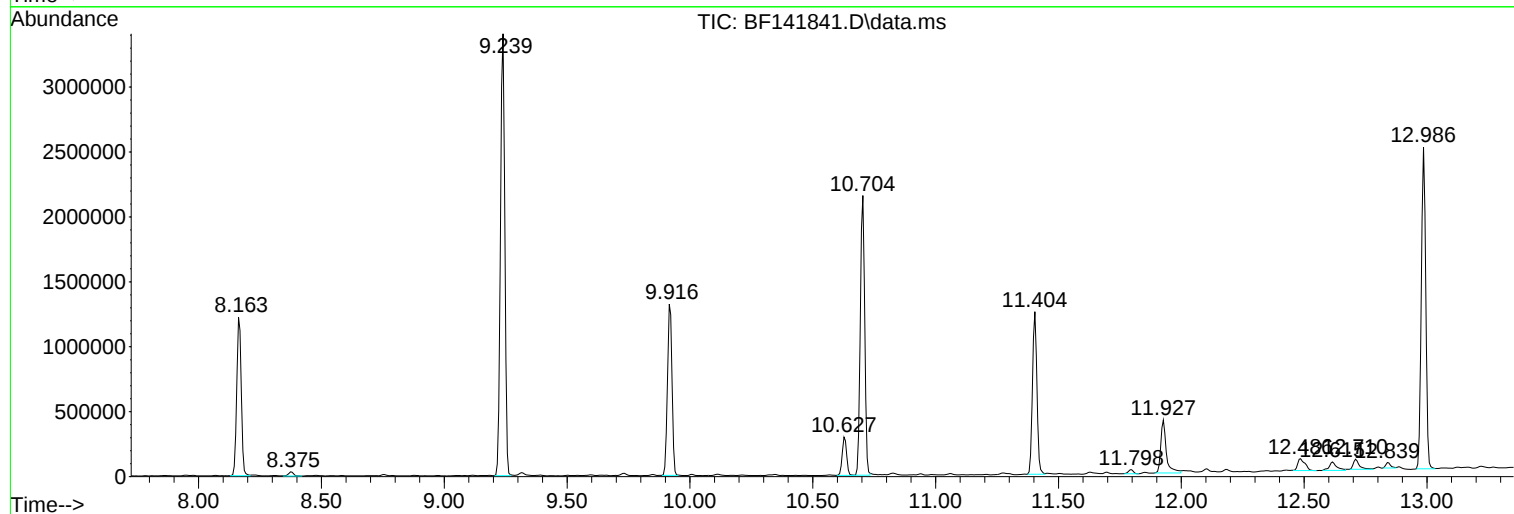
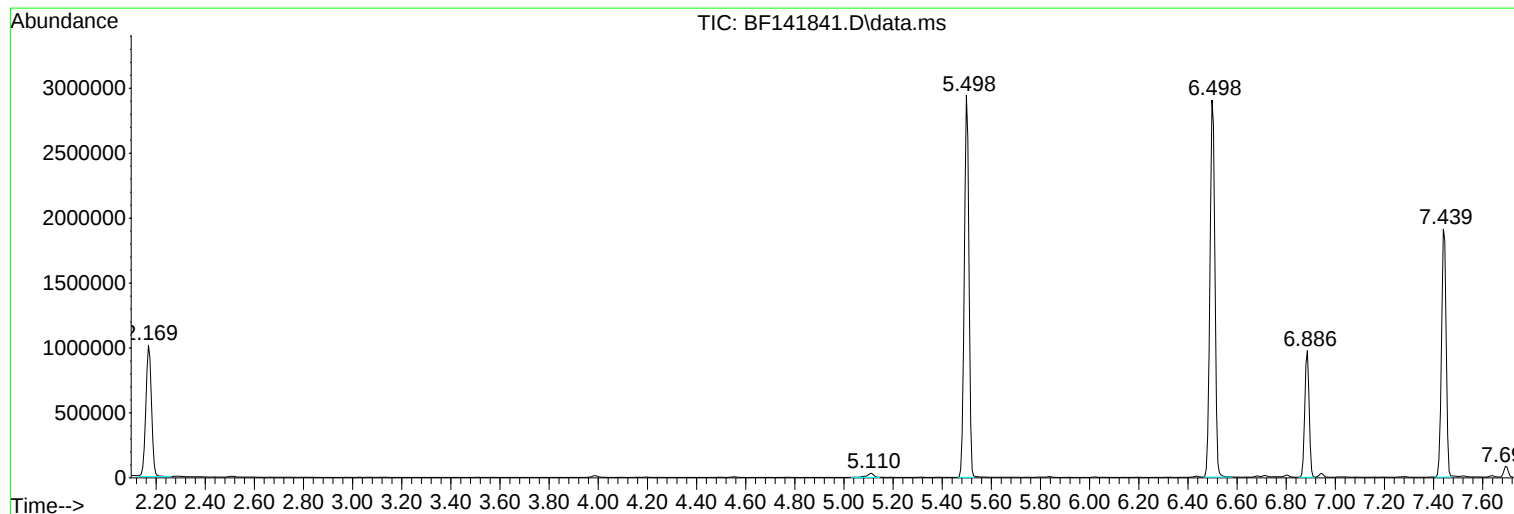
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ClientSampleId :
ENV-104-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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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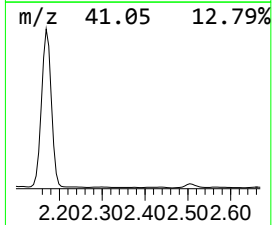
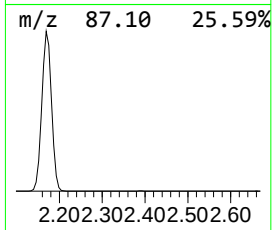
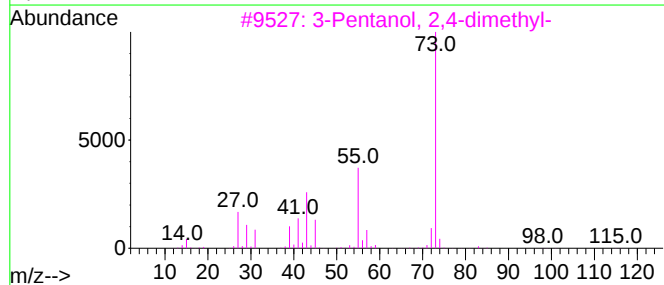
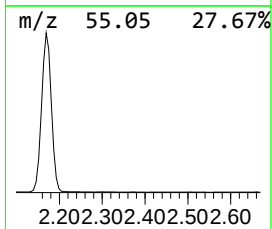
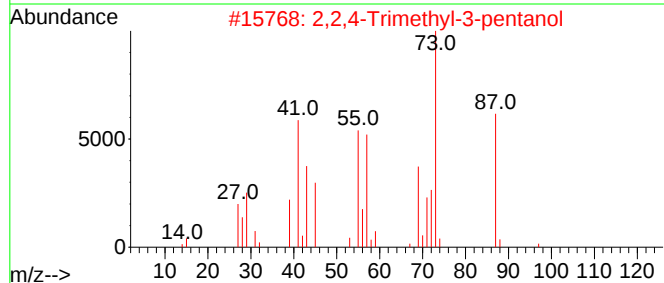
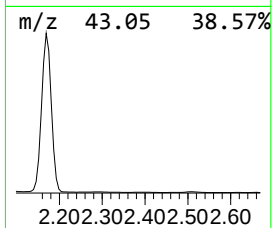
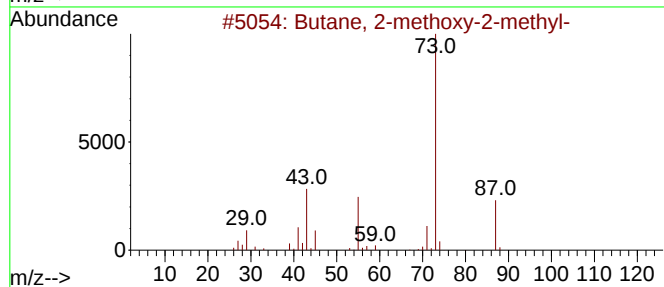
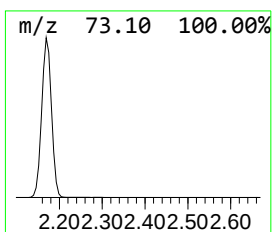
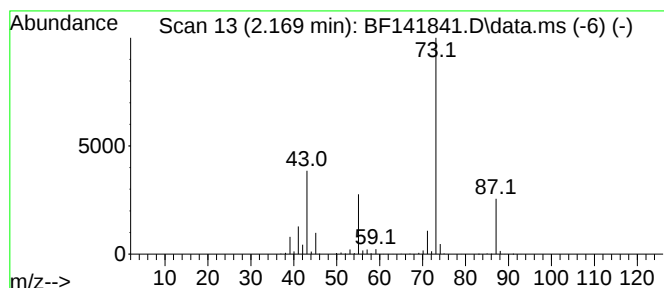
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.169	26.81 ng	1614470	1,4-Dichlorobenzene-d4	6.886

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	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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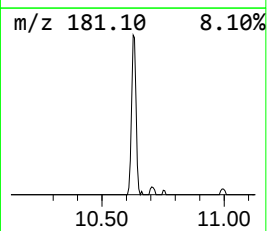
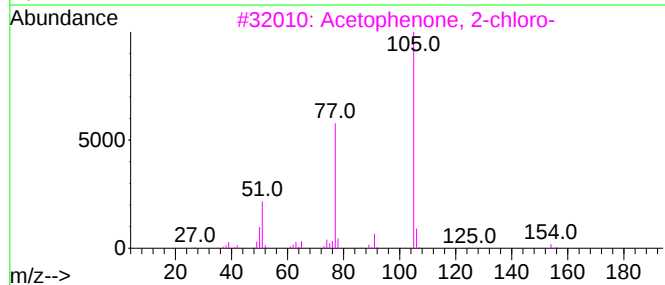
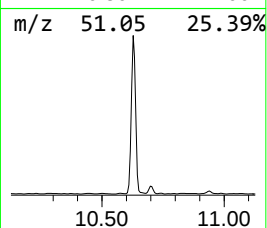
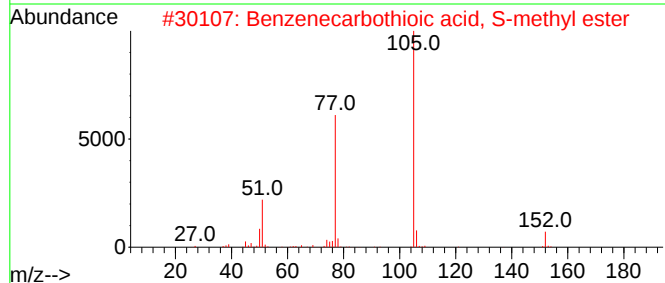
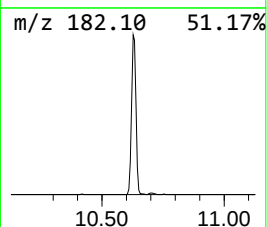
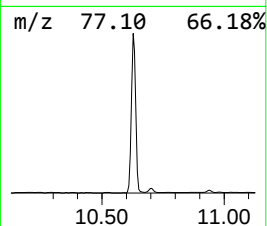
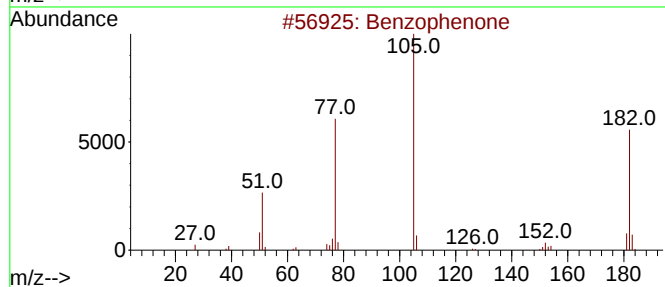
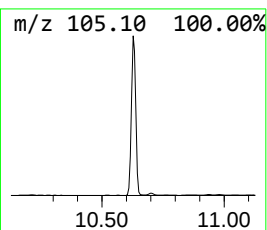
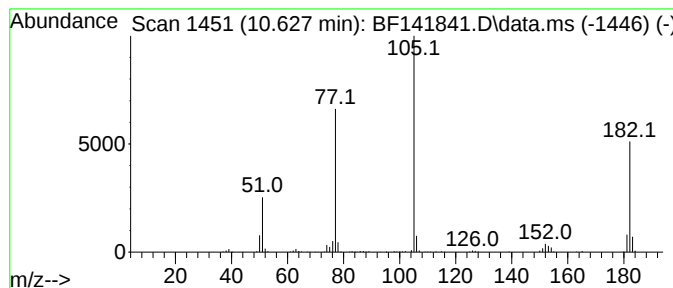
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	4.38 ng	366543	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47



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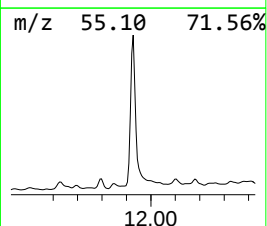
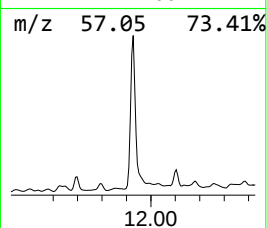
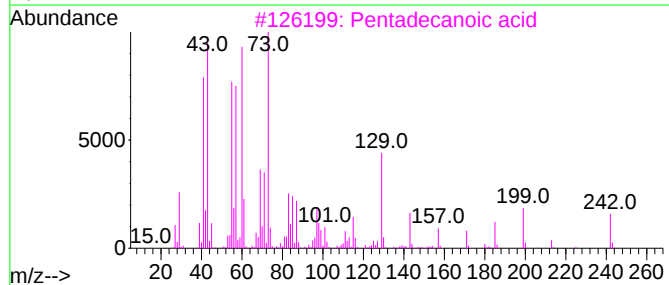
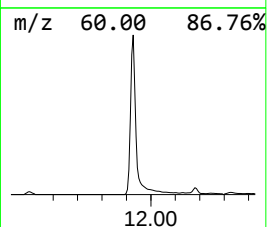
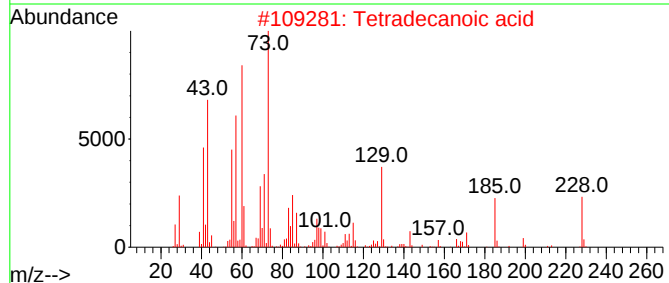
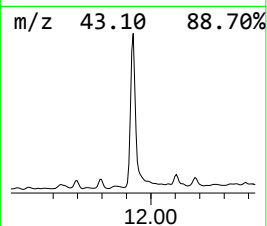
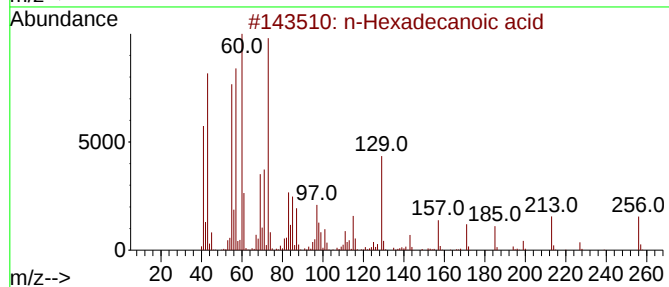
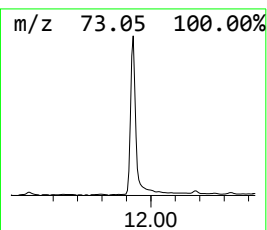
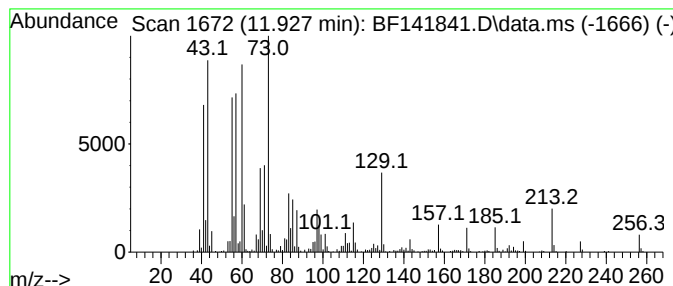
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	8.02 ng	636086	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60



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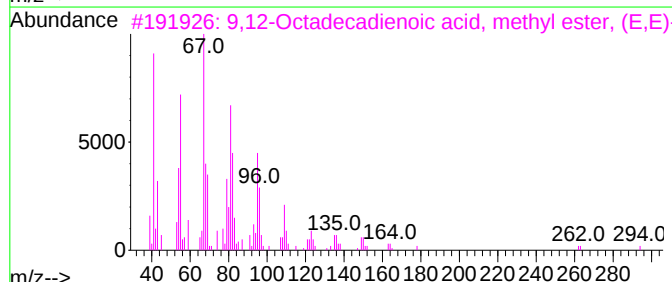
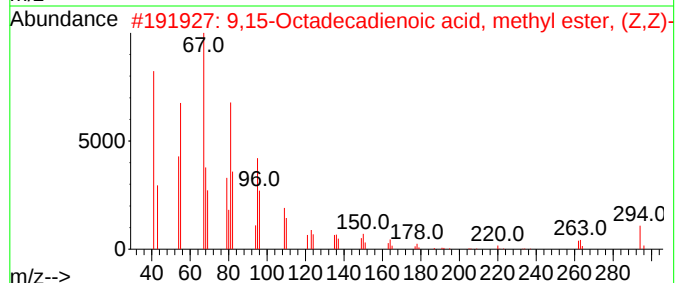
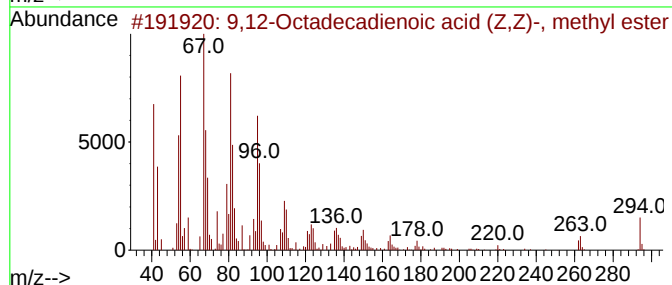
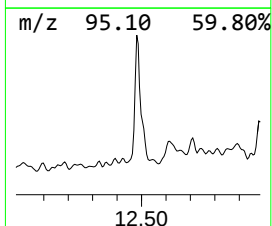
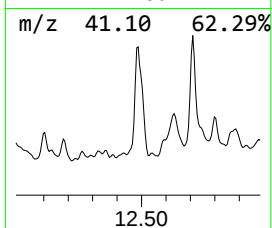
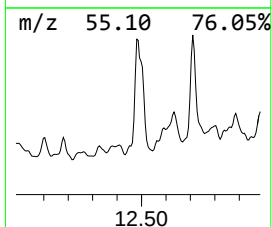
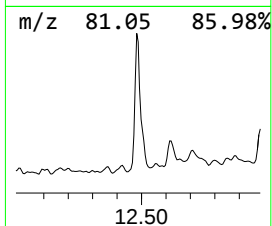
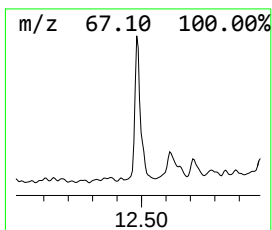
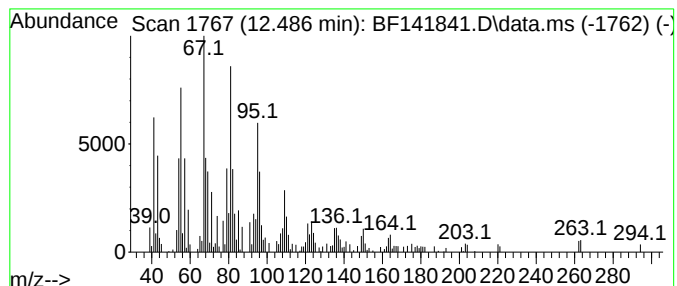
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.486	2.35 ng	186634	Phenanthrene-d10			11.404
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...		294	C19H34O2	000112-63-0	99
2	9,15-Octadecadienoic acid, methy...		294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002566-97-4	96
4	11,14-Octadecadienoic acid, meth...		294	C19H34O2	056554-61-1	94
5	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002462-85-3	93



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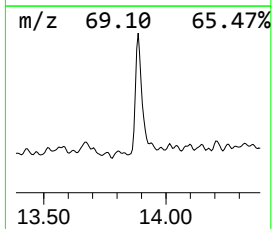
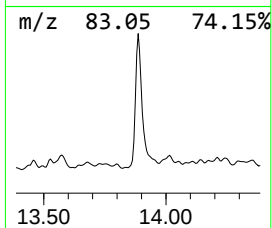
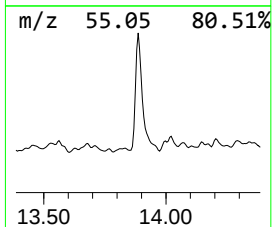
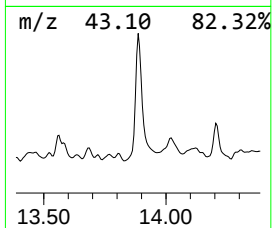
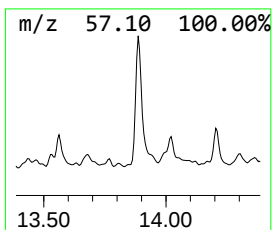
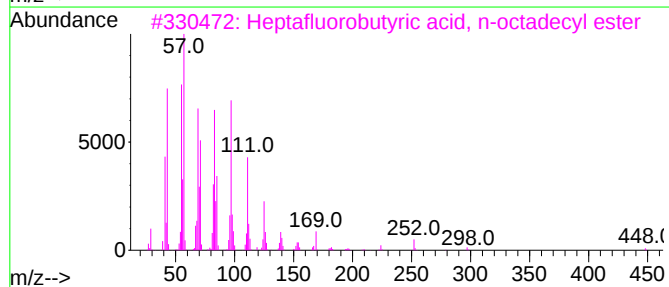
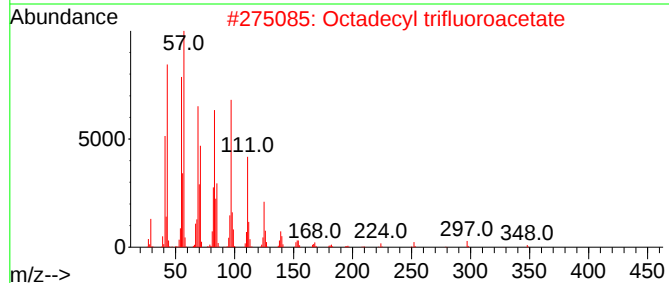
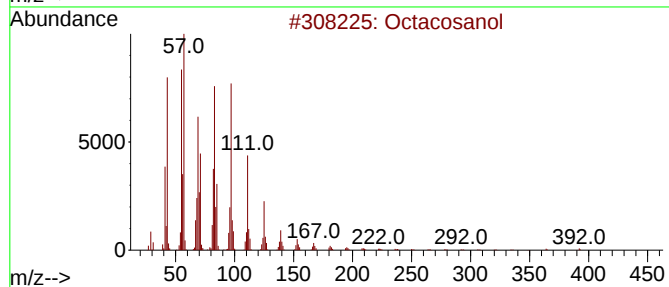
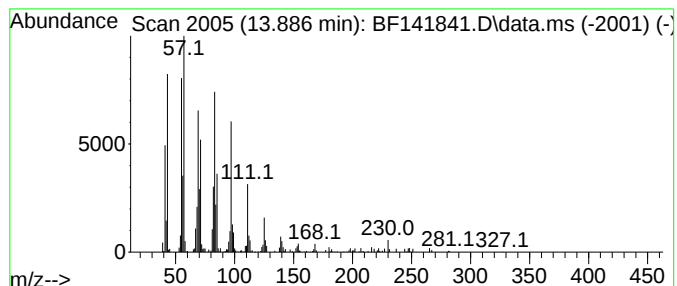
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.61 ng	181518	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosanol	410	C28H58O	000557-61-9	91
2			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3			Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
4			Butyl docosyl ether	382	C26H54O	1000406-40-8	91
5			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.169	26.8	ng	1614470	1	6.886	1204420	20.0
Benzophenone	10.627	4.4	ng	366543	3	9.916	1673940	20.0
n-Hexadecanoic ...	11.927	8.0	ng	636086	4	11.404	1585660	20.0
9,12-Octadecadi...	12.486	2.4	ng	186634	4	11.404	1585660	20.0
Octacosanol	13.886	2.6	ng	181518	5	14.039	1390730	20.0