

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125455.D
 Acq On : 13 Sep 2021 21:20
 Operator : JU/CG
 Sample : M3684-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F003130

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-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125455.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	8	14	24	rVV	929746	1140855	36.72%	4.798%
2	2.275	28	32	43	rVB	43252	65282	2.10%	0.275%
3	5.104	510	513	525	rVB	165762	201254	6.48%	0.846%
4	5.510	577	582	585	rBV	3311213	2996307	96.44%	12.603%
5	6.522	749	754	757	rBV	3147529	3007619	96.80%	12.650%
6	6.886	812	816	819	rBV	1036386	896430	28.85%	3.770%
7	7.451	907	912	915	rBV	2206372	1978028	63.66%	8.320%
8	8.075	1014	1018	1027	rBV2	105197	281948	9.07%	1.186%
9	8.169	1030	1034	1042	rVB	1381735	1154096	37.14%	4.854%
10	9.245	1213	1217	1220	rBV	3830041	3107035	100.00%	13.068%
11	9.357	1232	1236	1240	rBV	35651	37278	1.20%	0.157%
12	9.927	1329	1333	1336	rBV	1405452	1183719	38.10%	4.979%
13	10.716	1463	1467	1477	rBV	2099455	1880728	60.53%	7.910%
14	11.416	1582	1586	1589	rBV	1225802	1013083	32.61%	4.261%
15	11.798	1648	1651	1656	rBV	44327	37005	1.19%	0.156%
16	11.933	1668	1674	1682	rBV3	116757	164335	5.29%	0.691%
17	12.504	1767	1771	1776	rVB3	79782	87415	2.81%	0.368%
18	12.627	1789	1792	1796	rBV	127759	123285	3.97%	0.519%
19	12.721	1806	1808	1815	rBV2	46905	57302	1.84%	0.241%
20	12.863	1826	1832	1838	rBV	122550	139776	4.50%	0.588%
21	13.004	1851	1856	1859	rBV	2312345	2180139	70.17%	9.170%
22	13.533	1943	1946	1949	rBV	76468	66838	2.15%	0.281%
23	14.062	2031	2036	2039	rBV	915962	893092	28.74%	3.756%
24	14.086	2039	2040	2043	rVB	77047	46271	1.49%	0.195%
25	15.115	2212	2215	2222	rBV	96373	152941	4.92%	0.643%
26	15.427	2265	2268	2273	rVB	112188	126716	4.08%	0.533%
27	15.562	2286	2291	2298	rVB2	571387	756654	24.35%	3.183%

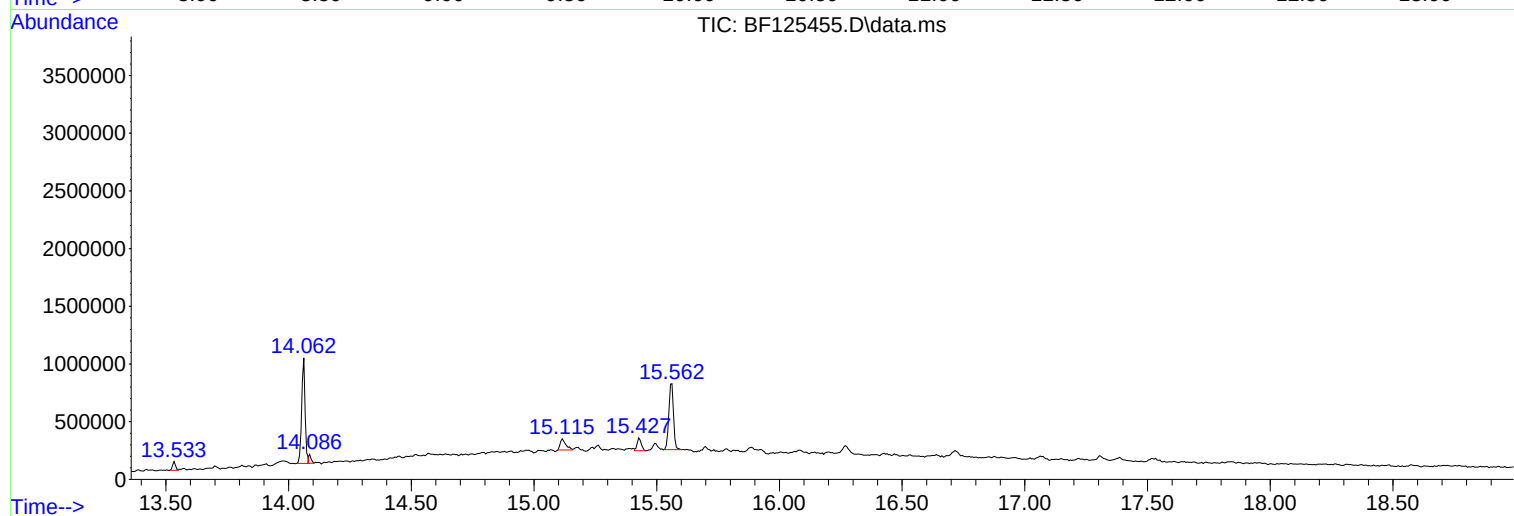
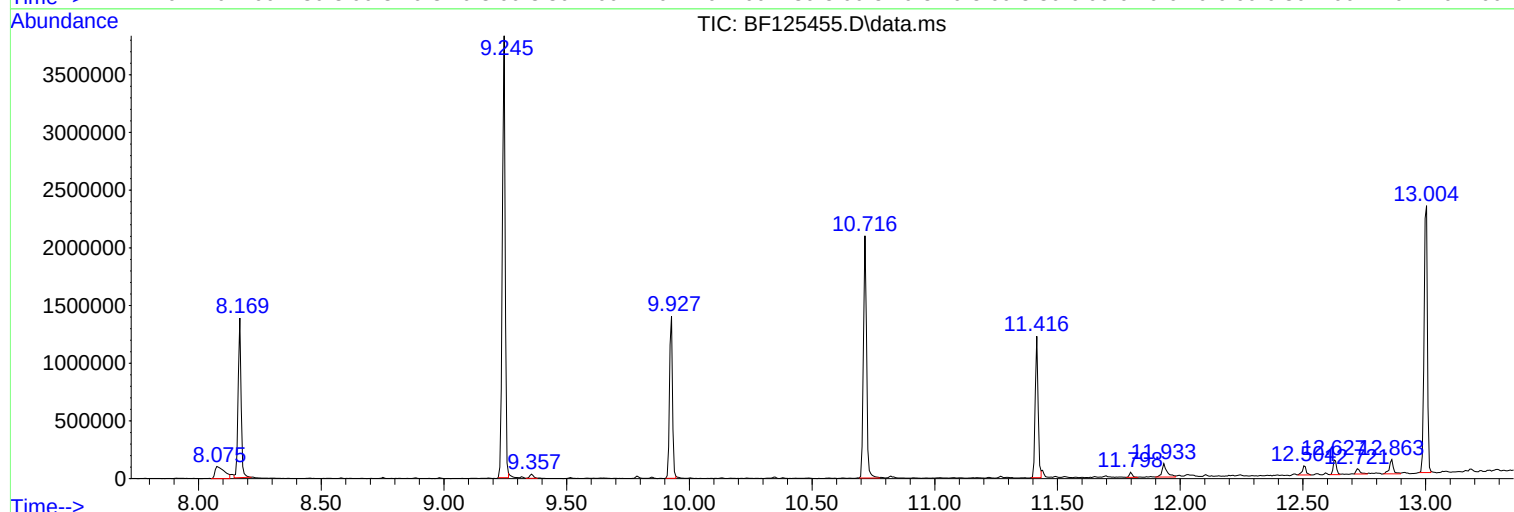
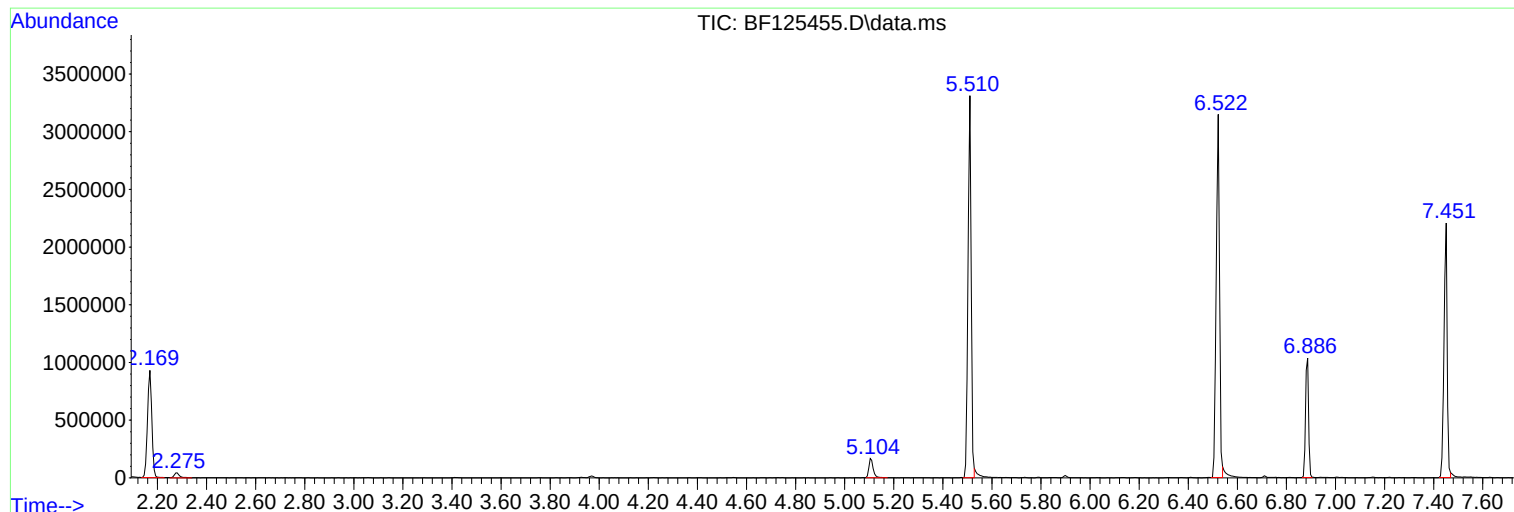
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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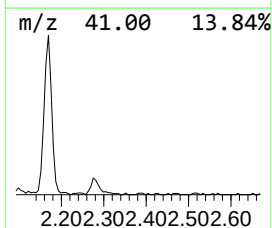
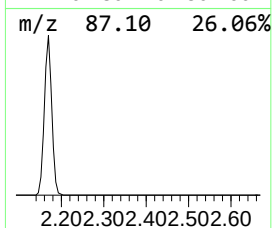
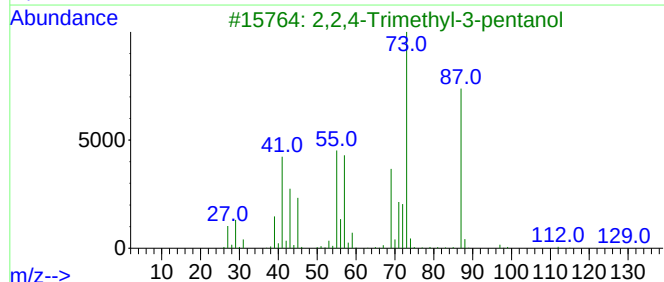
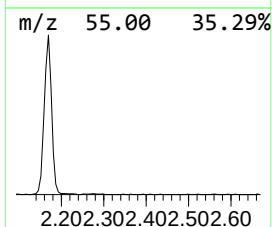
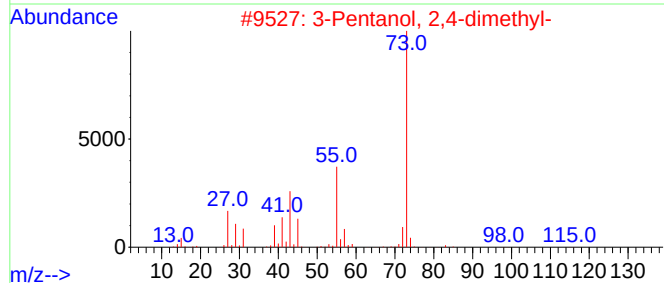
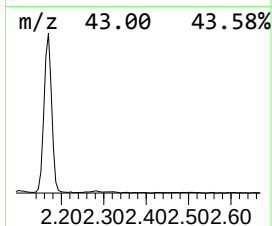
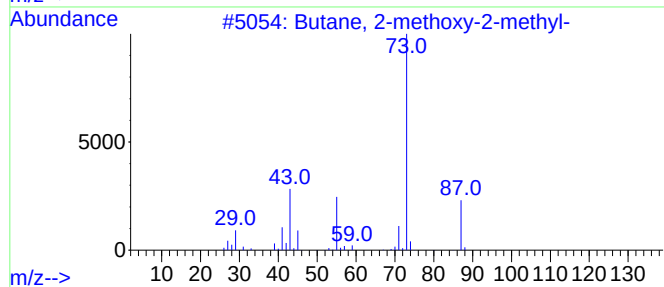
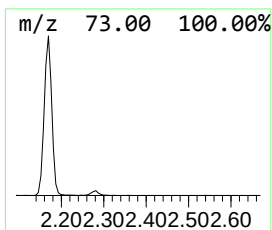
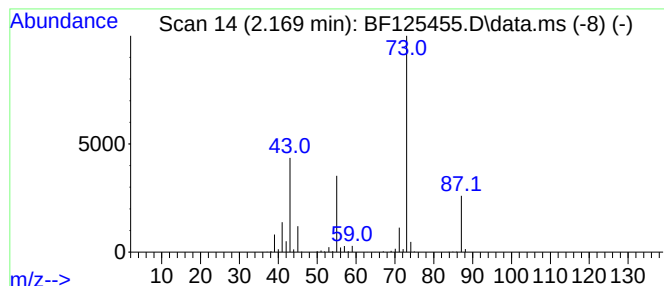
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.169	25.45 ng	1140860	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			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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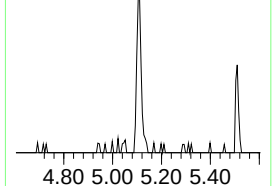
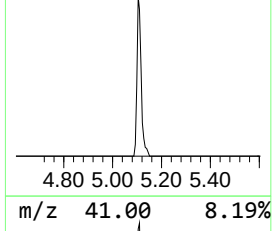
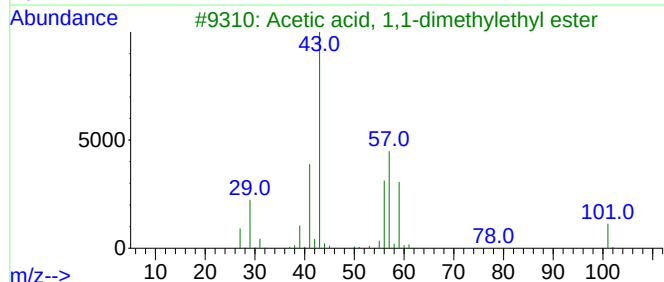
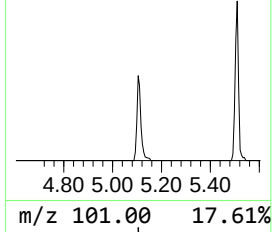
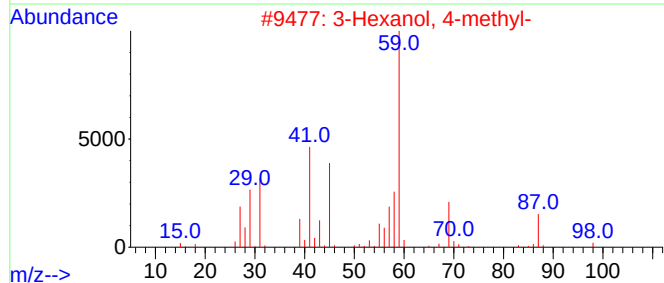
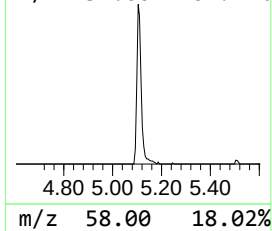
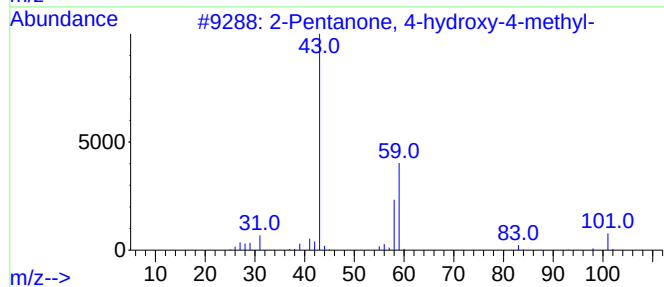
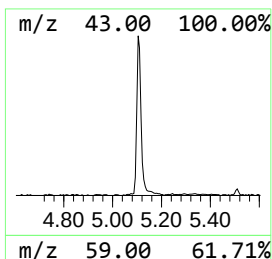
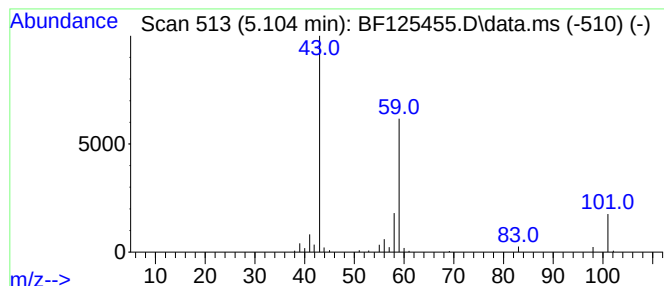
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	4.49 ng	201254	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28		
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
5	Acetone	58	C3H6O	000067-64-1	9		



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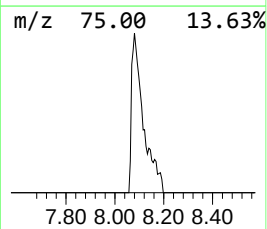
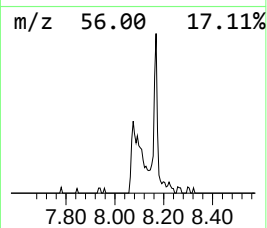
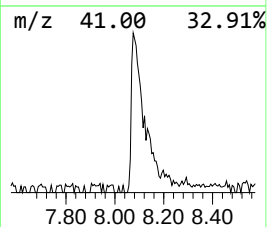
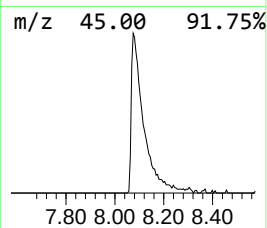
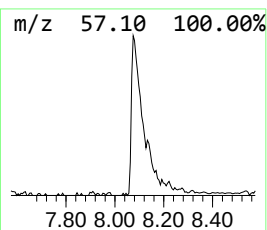
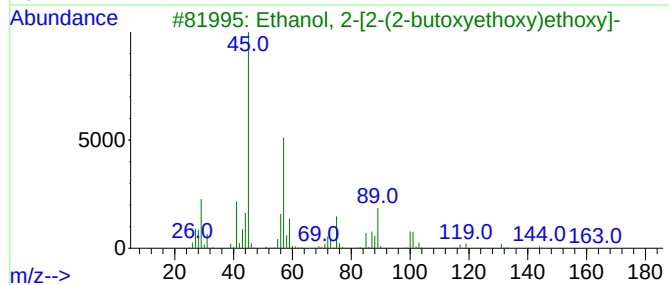
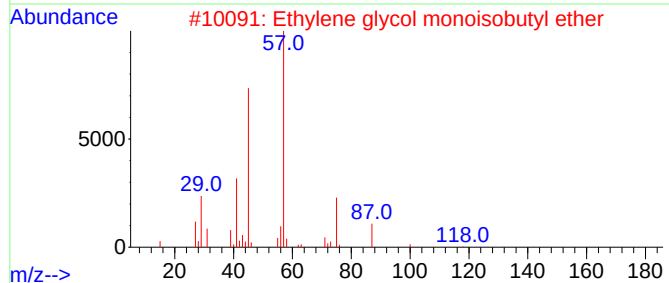
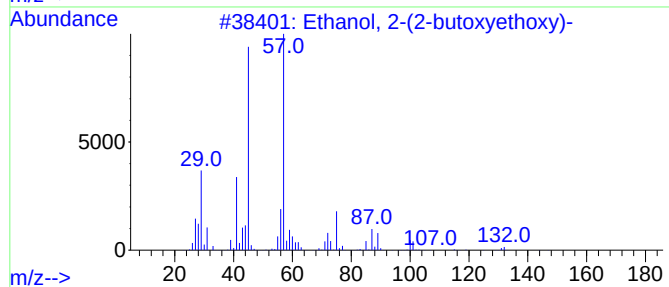
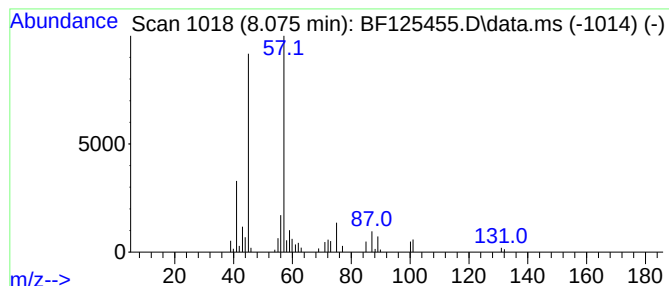
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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	4.89 ng	281948	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50



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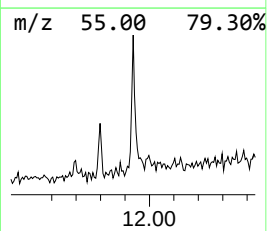
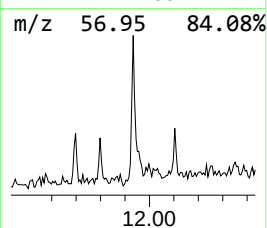
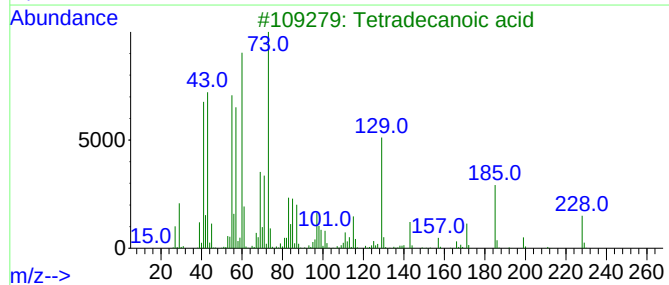
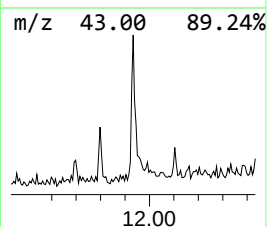
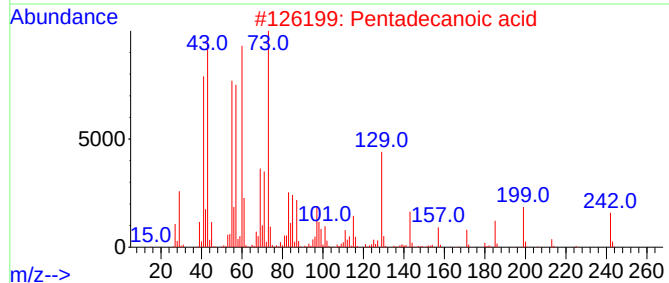
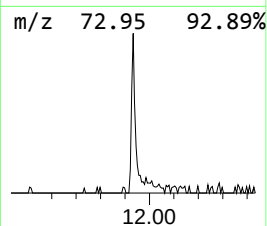
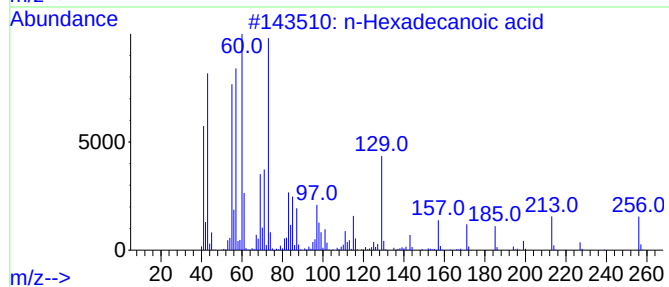
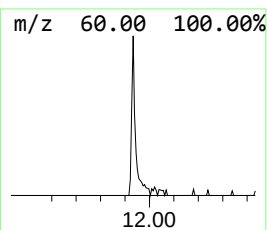
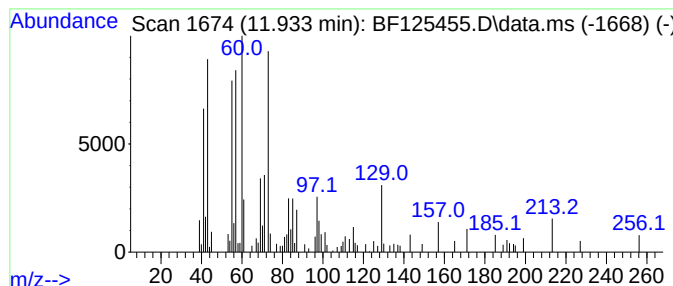
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.24 ng	164335	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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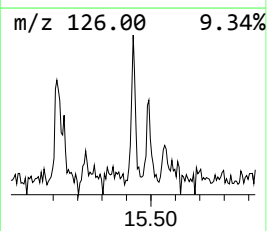
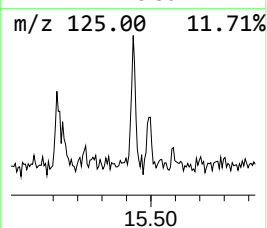
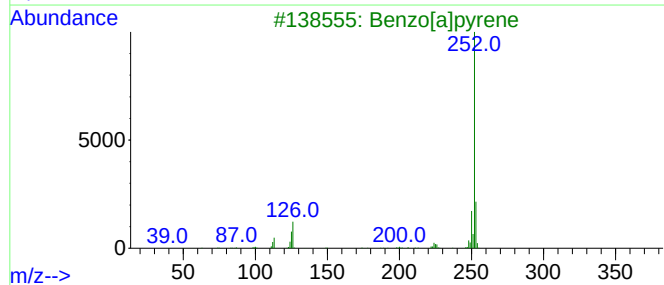
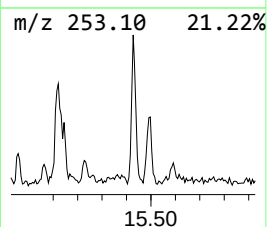
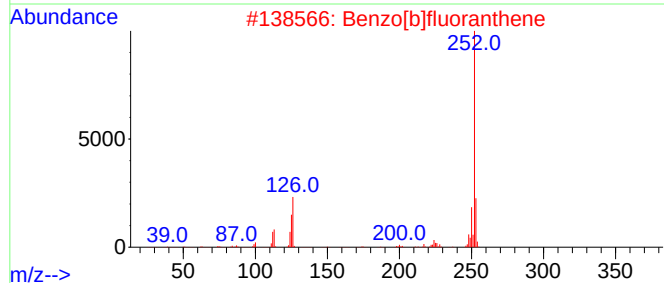
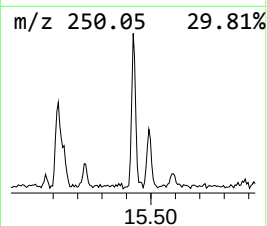
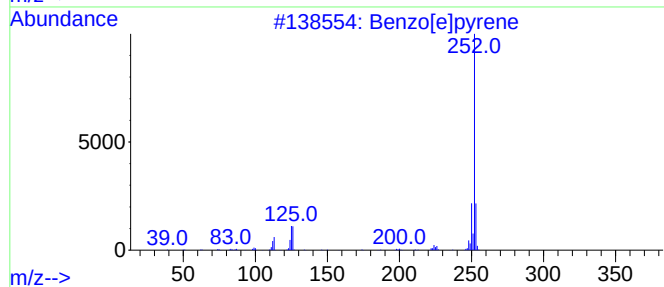
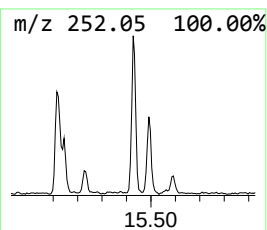
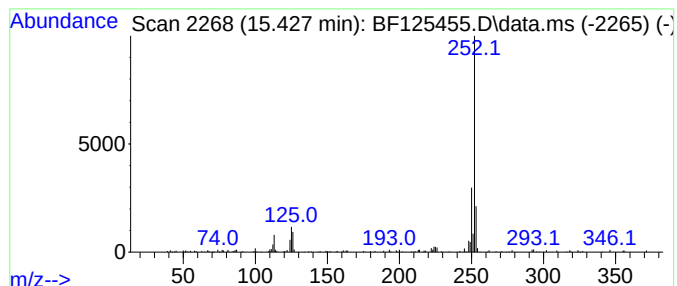
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Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	3.35 ng	126716	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
3			Benzo[a]pyrene	252	C20H12	000050-32-8	89
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.169	25.4	ng	1140860	1	6.886	896430	20.0
2-Pentanone, 4-...	5.104	4.5	ng	201254	1	6.886	896430	20.0
Ethanol, 2-(2-b...	8.075	4.9	ng	281948	2	8.169	1154100	20.0
n-Hexadecanoic ...	11.933	3.2	ng	164335	4	11.416	1013080	20.0
Benzo[e]pyrene	15.427	3.4	ng	126716	6	15.557	756654	20.0