

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140518.D
 Acq On : 20 Nov 2024 23:32
 Operator : RC/JU
 Sample : P4822-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1

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-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	20	rVB	603888	941745	74.05%	8.954%
2	2.246	22	26	40	rVB4	7497	17727	1.39%	0.169%
3	5.093	506	510	518	rVB	17740	25308	1.99%	0.241%
4	5.504	575	580	594	rBV	862581	1133624	89.14%	10.778%
5	6.510	746	751	769	rBV	821467	1099154	86.43%	10.450%
6	6.875	808	813	818	rBV	328883	396500	31.18%	3.770%
7	7.434	902	908	917	rBV	528741	675733	53.13%	6.425%
8	7.687	945	951	959	rBV	9496	13748	1.08%	0.131%
9	8.151	1025	1030	1046	rBV	318795	437461	34.40%	4.159%
10	9.228	1207	1213	1223	rBV	916197	1192759	93.79%	11.340%
11	9.910	1323	1329	1338	rBV	324661	420288	33.05%	3.996%
12	10.622	1445	1450	1458	rBV	168624	217149	17.07%	2.065%
13	10.698	1458	1463	1472	rBV	500497	660933	51.97%	6.284%
14	10.933	1498	1503	1512	rVB	30469	42649	3.35%	0.405%
15	11.398	1577	1582	1592	rBV	359074	509644	40.07%	4.845%
16	11.633	1615	1622	1626	rBV5	5378	14284	1.12%	0.136%
17	11.922	1663	1671	1683	rVV3	149049	287392	22.60%	2.732%
18	12.016	1684	1687	1695	rVB4	13208	26994	2.12%	0.257%
19	12.092	1696	1700	1705	rVV6	10469	19988	1.57%	0.190%
20	12.539	1773	1776	1780	rVB2	9097	13069	1.03%	0.124%
21	12.616	1781	1789	1801	rBV	102147	245794	19.33%	2.337%
22	12.710	1801	1805	1811	rVV	32836	55880	4.39%	0.531%
23	12.845	1823	1828	1832	rBV	88552	121329	9.54%	1.154%
24	12.986	1846	1852	1860	rBV	963410	1271797	100.00%	12.092%
25	14.045	2028	2032	2043	rVB2	287247	424575	33.38%	4.037%
26	15.539	2282	2286	2295	rVB	154471	252433	19.85%	2.400%

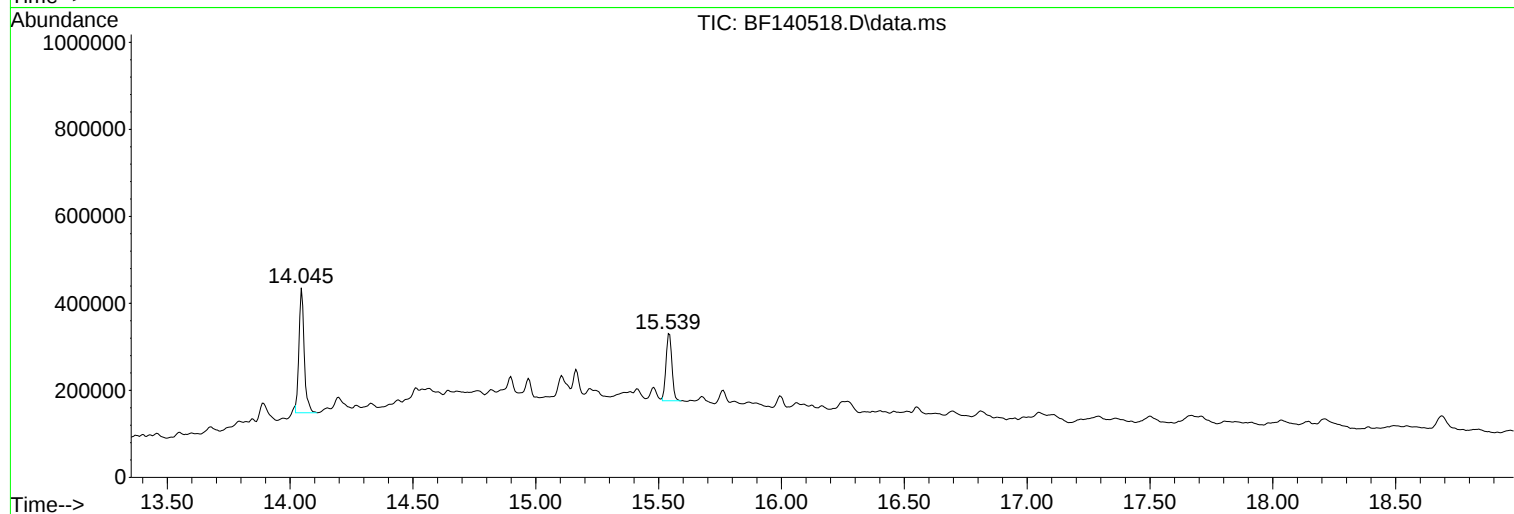
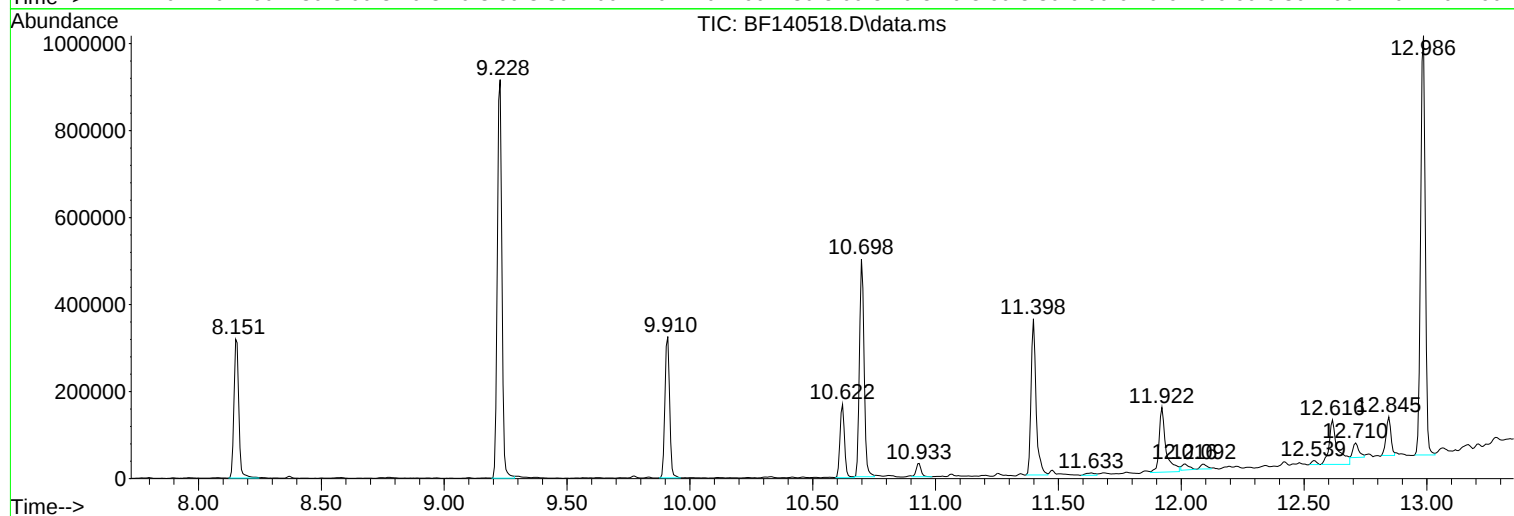
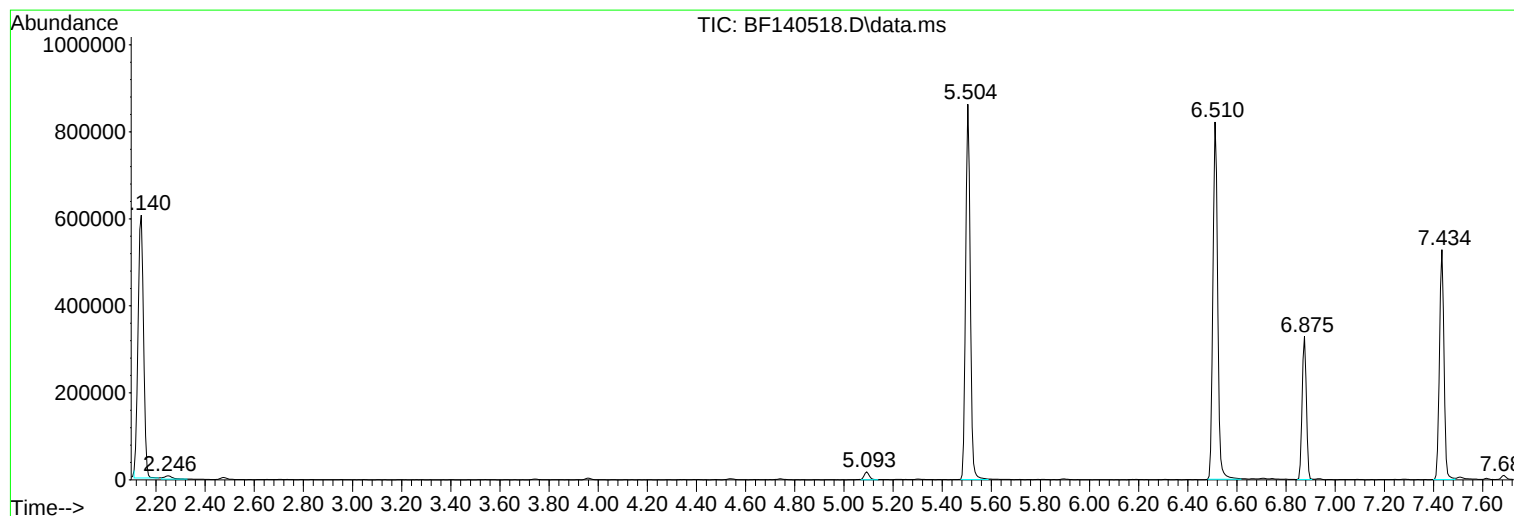
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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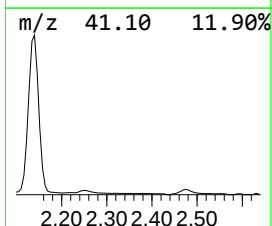
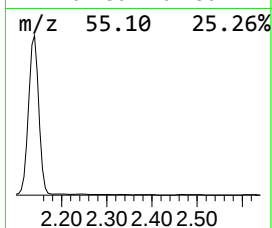
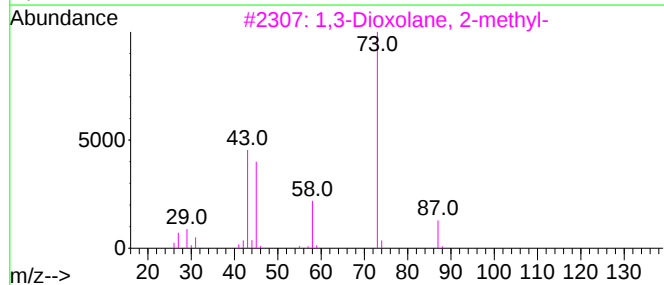
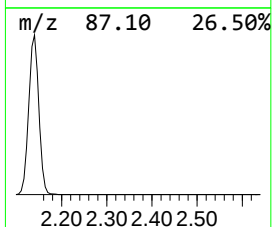
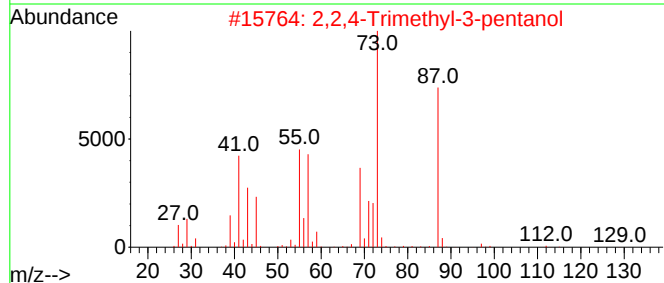
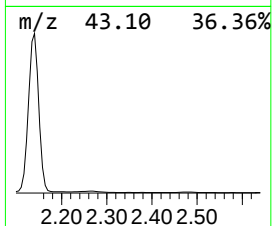
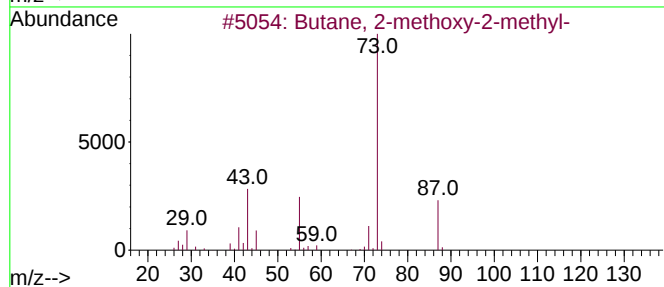
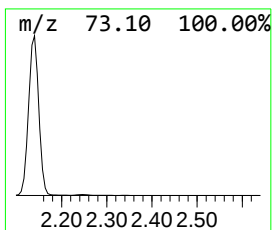
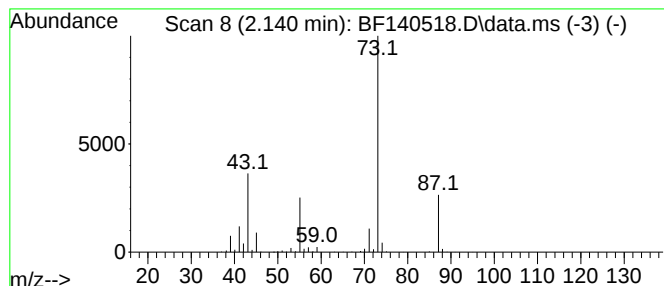
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.140	47.50 ng	941745	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	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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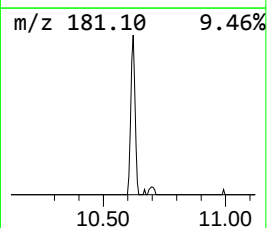
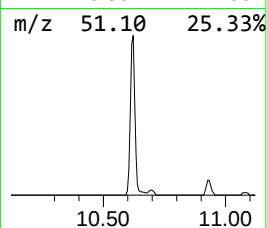
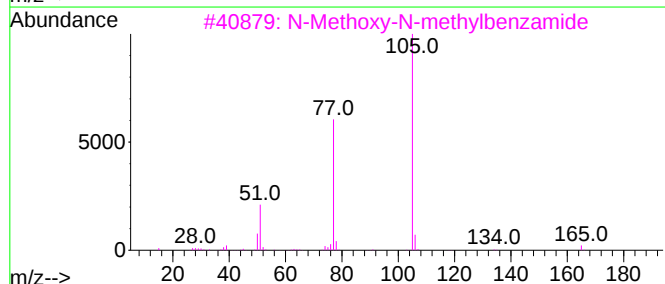
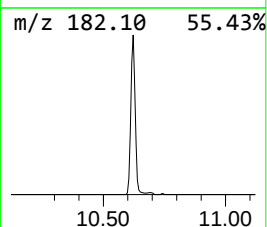
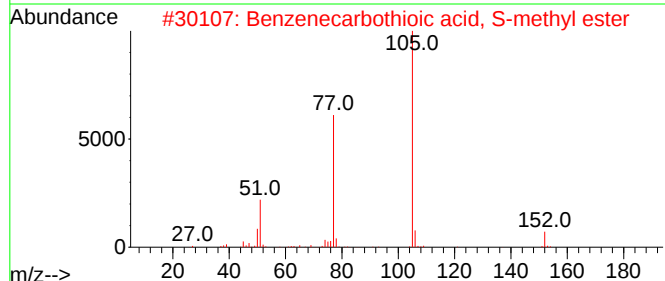
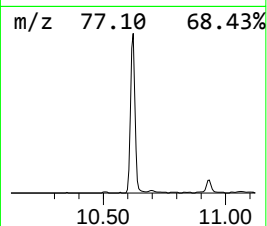
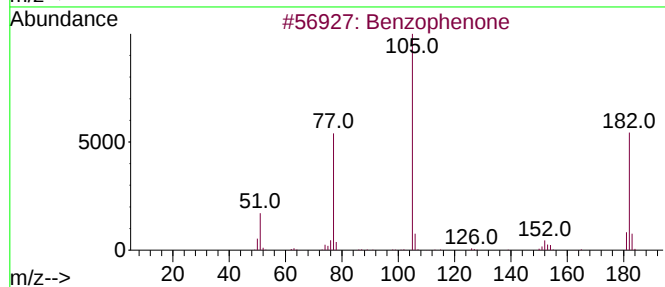
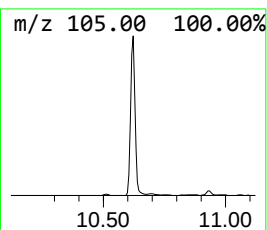
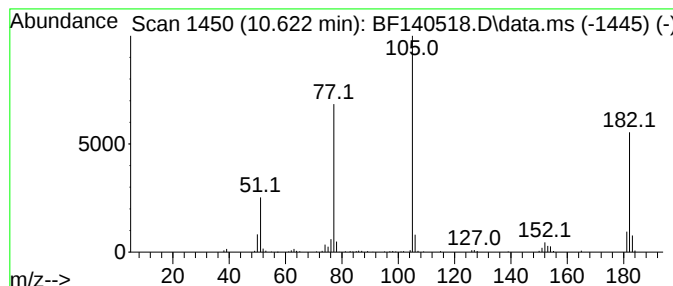
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	10.33 ng	217149	Acenaphthene-d10	9.910

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	49
3			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5			N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47



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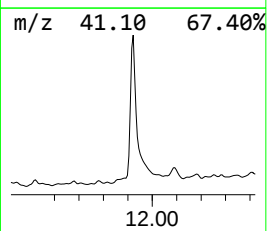
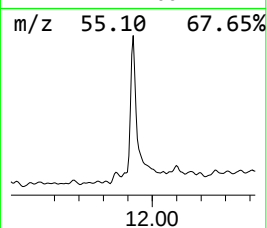
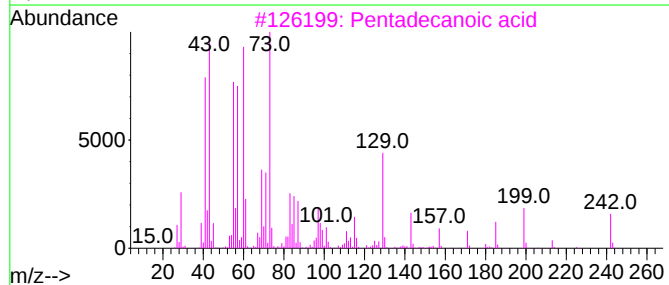
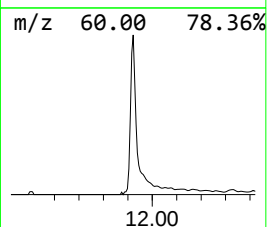
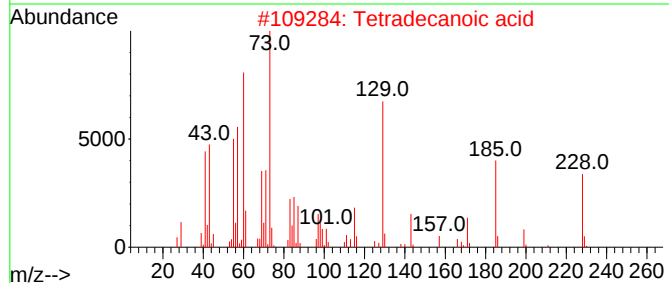
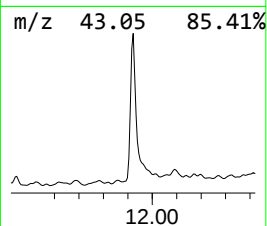
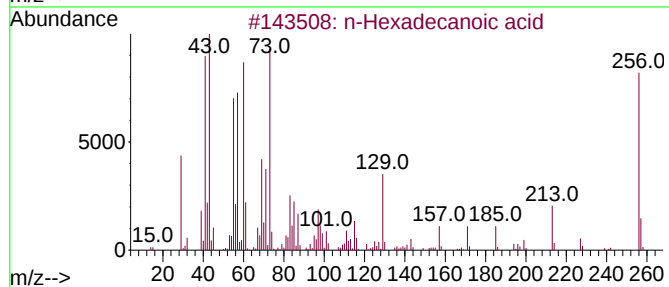
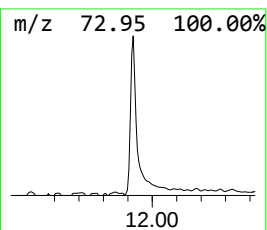
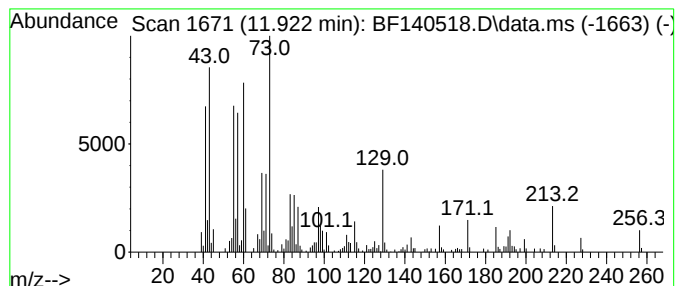
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	11.28 ng	287392	Phenanthrene-d10	11.398

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	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Dodecanoic acid	200	C12H24O2	000143-07-7	68



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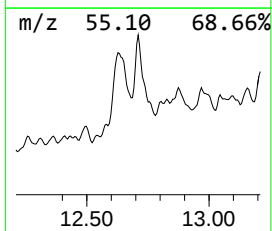
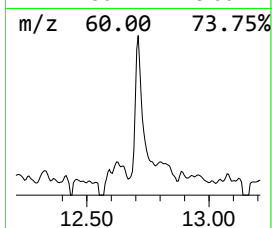
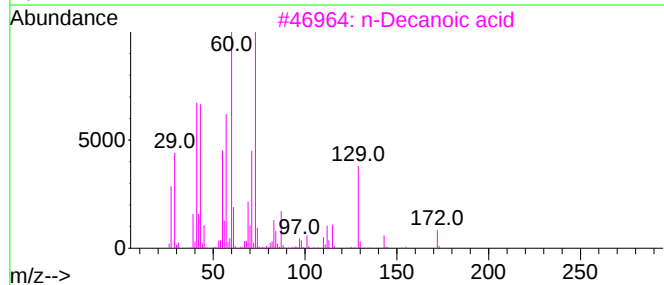
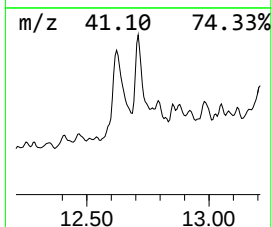
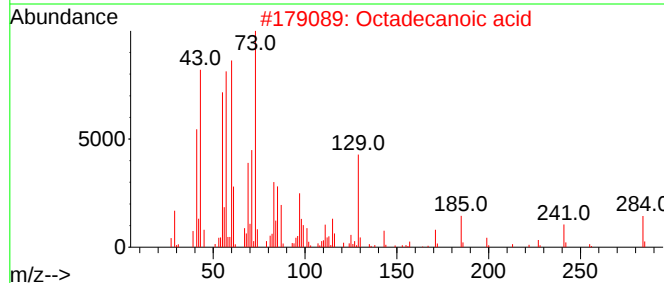
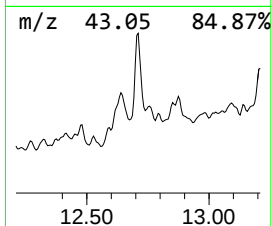
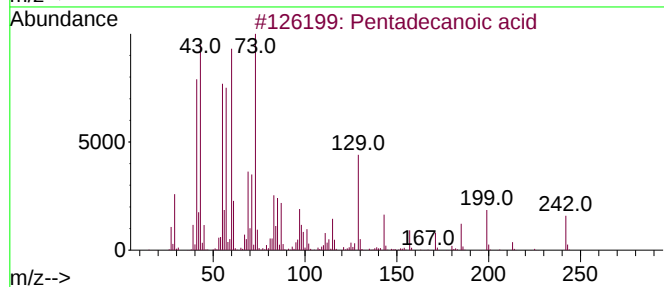
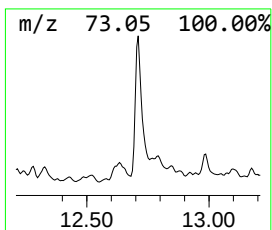
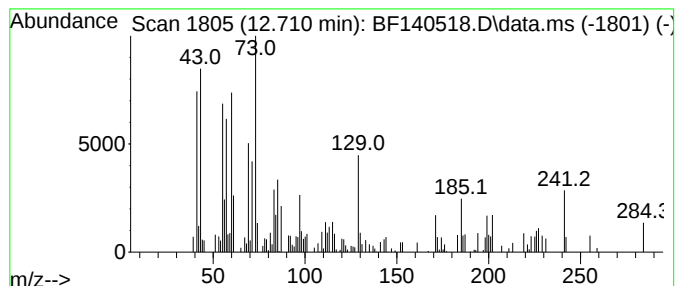
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Peak Number 4 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	2.19 ng	55880	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2			Octadecanoic acid	284	C18H36O2	000057-11-4	64
3			n-Decanoic acid	172	C10H20O2	000334-48-5	62
4			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.140	47.5	ng	941745	1	6.875	396500	20.0
Benzophenone	10.622	10.3	ng	217149	3	9.910	420288	20.0
n-Hexadecanoic ...	11.922	11.3	ng	287392	4	11.398	509644	20.0
Pentadecanoic acid	12.710	2.2	ng	55880	4	11.398	509644	20.0