LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140484.D
Acq On : 19 Nov 2024 19:54
Operator : RC/JU
Sample : P4908-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-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: BF140484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	4	12	22	rVB	849945	1313391	47.68%	6.562%
2	5.504	574	580	601	rBV	1841749	2468063	89.60%	12.330%
3	6.510	743	751	766	rBV	1868995	2587278	93.92%	12.926%
4	6.875	808	813	818	rBV	613992	758675	27.54%	3.790%
5	7.434	902	908	918	rBV	1232876	1595517	57.92%	7.971%
6	7.681	946	950	957	rBV	66880	95635	3.47%	0.478%
7	8.151	1023	1030	1046	rBV	701246	938324	34.06%	4.688%
8	8.369	1063	1067	1073	rBV	29887	43692	1.59%	0.218%
9	9.228	1207	1213	1223	rBV	2124511	2754630	100.00%	13.762%
10	9.910	1323	1329	1344	rBV	674377	886095	32.17%	4.427%
11	10.622	1445	1450	1458	rBV	168921	218098	7.92%	1.090%
12	10.698	1458	1463	1471	rBV	1036509	1358867	49.33%	6.789%
13	10.927	1498	1502	1511	rVB2	19169	28861	1.05%	0.144%
14	11.398	1577	1582	1590	rBV	638742	863365	31.34%	4.313%
15	11.921	1666	1671	1684	rBV	208778	382800	13.90%	1.912%
16	12.480	1759	1766	1773	rBV6	22509	62783	2.28%	0.314%
17	12.616	1785	1789	1793	rBV	51059	70808	2.57%	0.354%
18	12.710	1801	1805	1813	rBV7	22695	56106	2.04%	0.280%
19	12.845	1824	1828	1840	rVB	50407	85689	3.11%	0.428%
20	12.980	1846	1851	1861	rBV	1628732	2166791	78.66%	10.825%
21	13.421	1922	1926	1930	rBV3	51765	75097	2.73%	0.375%
22	14.045	2027	2032	2039	rVB	418876	600418	21.80%	3.000%
23	15.527	2280	2284	2293	rVB	283967	468077	16.99%	2.338%
24	15.986	2358	2362	2367	rVB	82892	137551	4.99%	0.687%

Sum of corrected areas: 20016611

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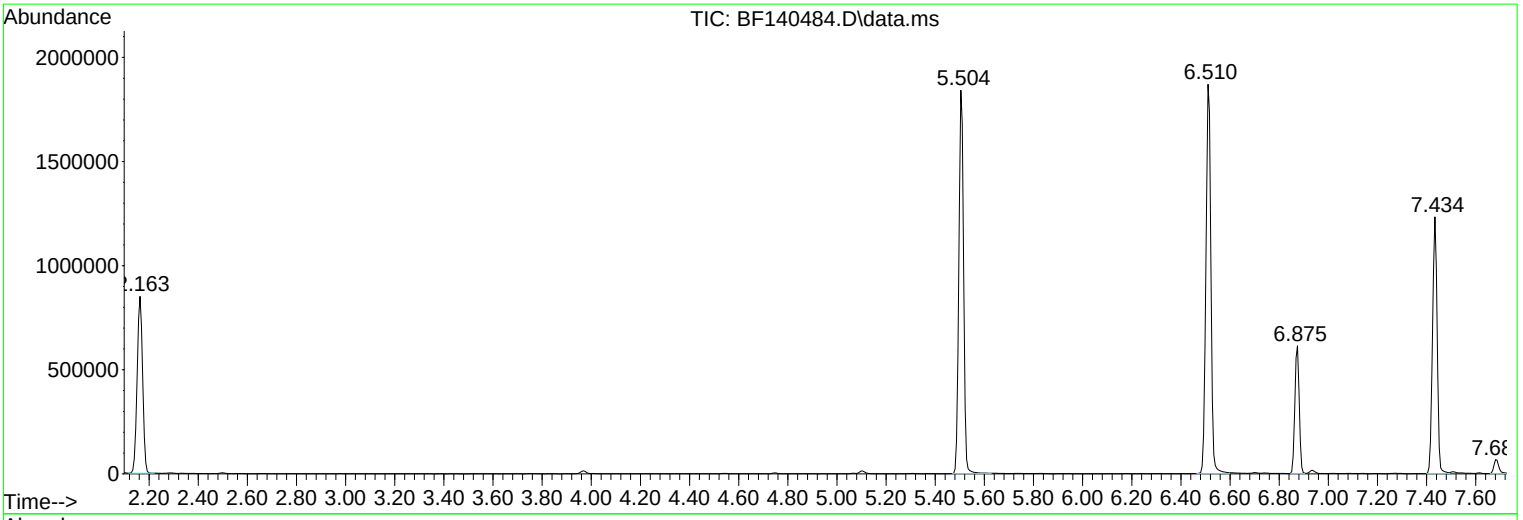
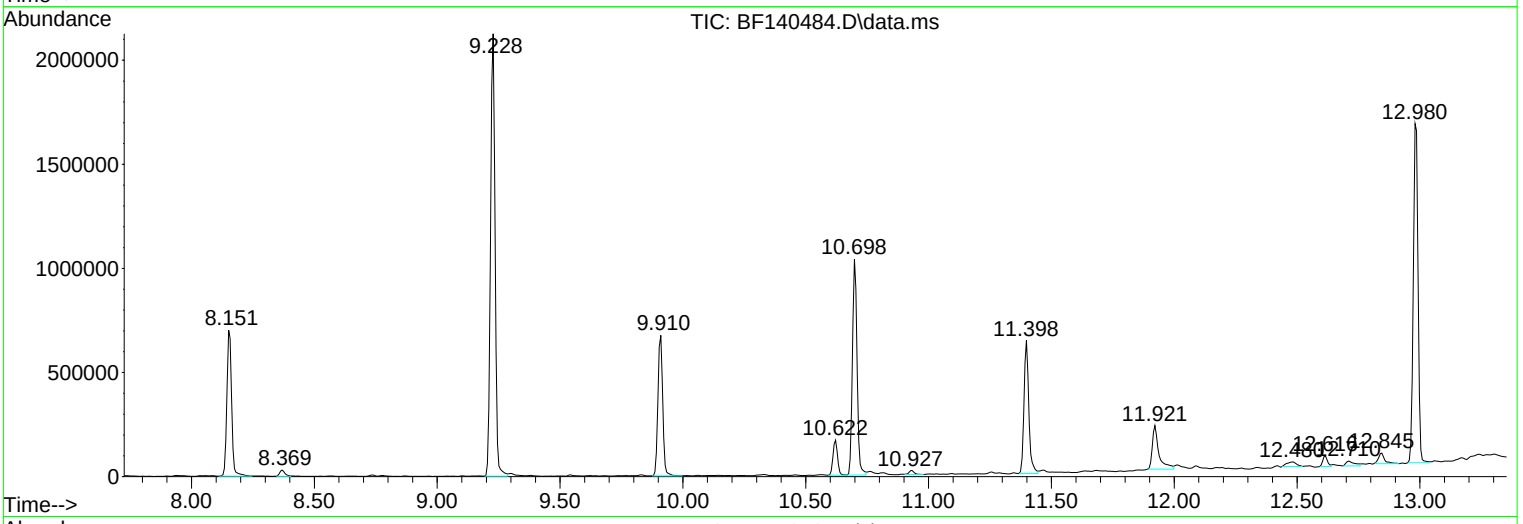
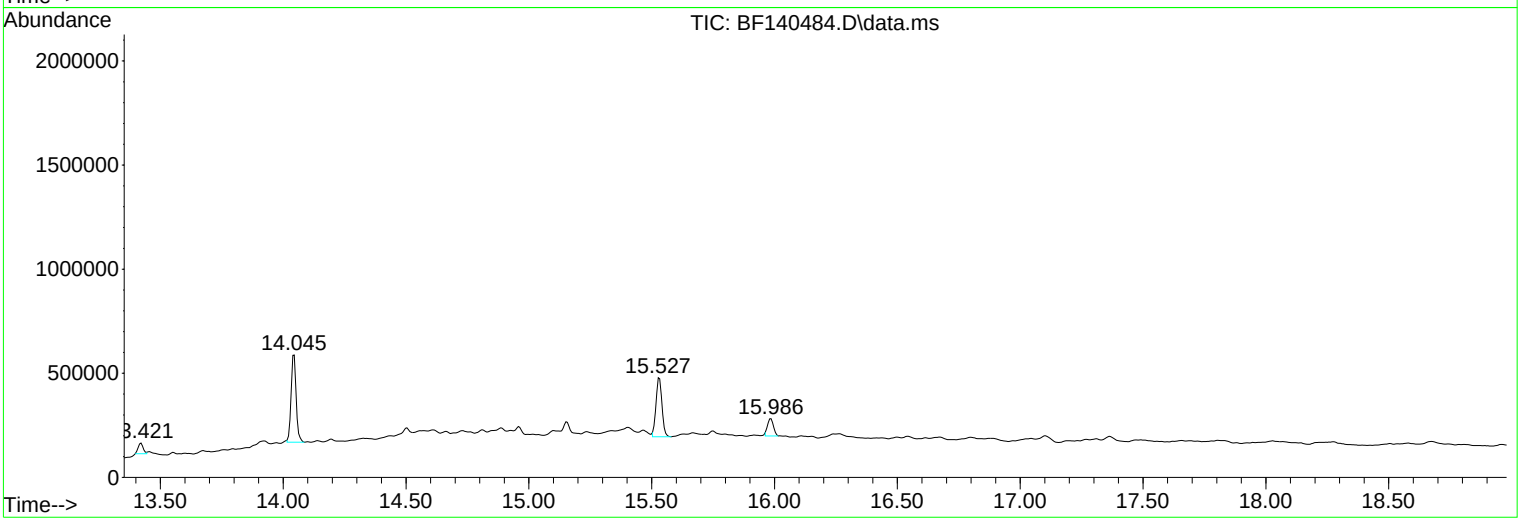
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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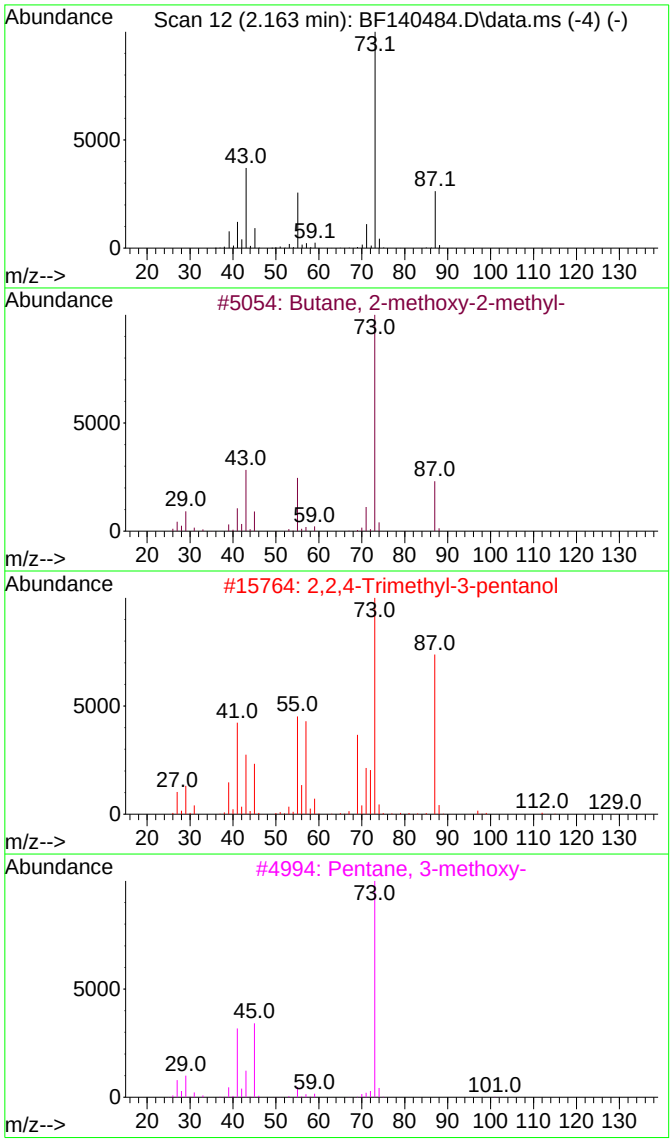
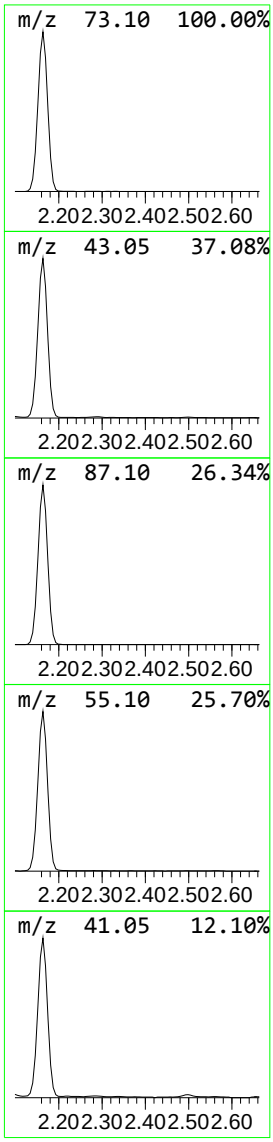
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	34.62 ng	1313390	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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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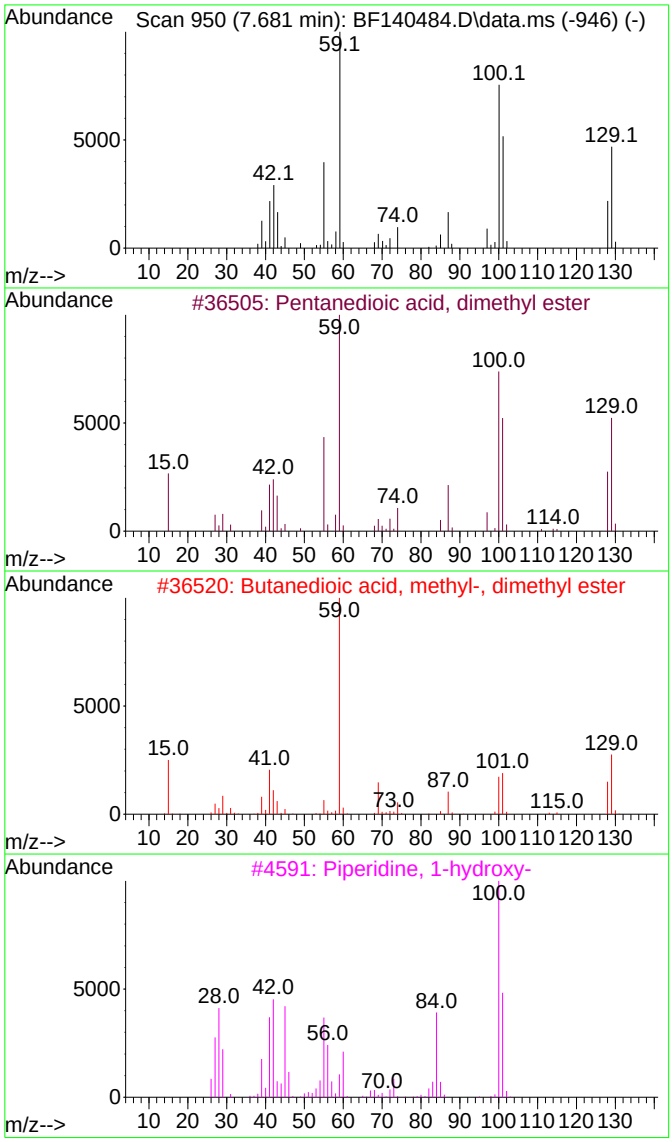
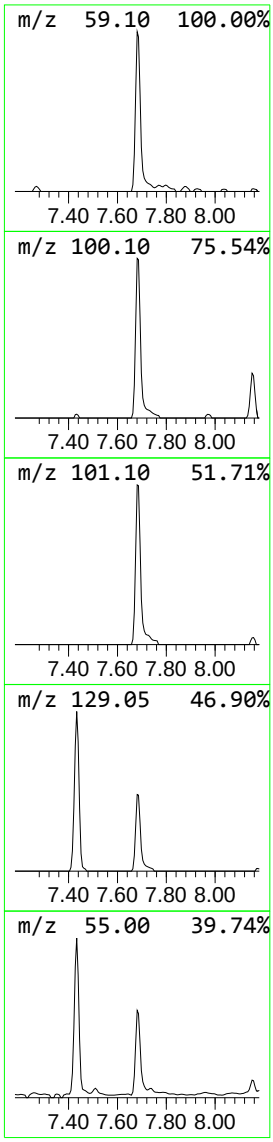
Peak Number 2 Pentanedioic acid, dimethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	2.04 ng	95635	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	91
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	40
3	Piperidine, 1-hydroxy-	101	C5H11NO	004801-58-5	27
4	1-Morpholinopropan-2-ol trifluor...	241	C9H14F3NO3	1000373-15-2	12
5	3-Methyl-2-butenoic acid, heptad...	338	C22H42O2	1000282-89-9	12





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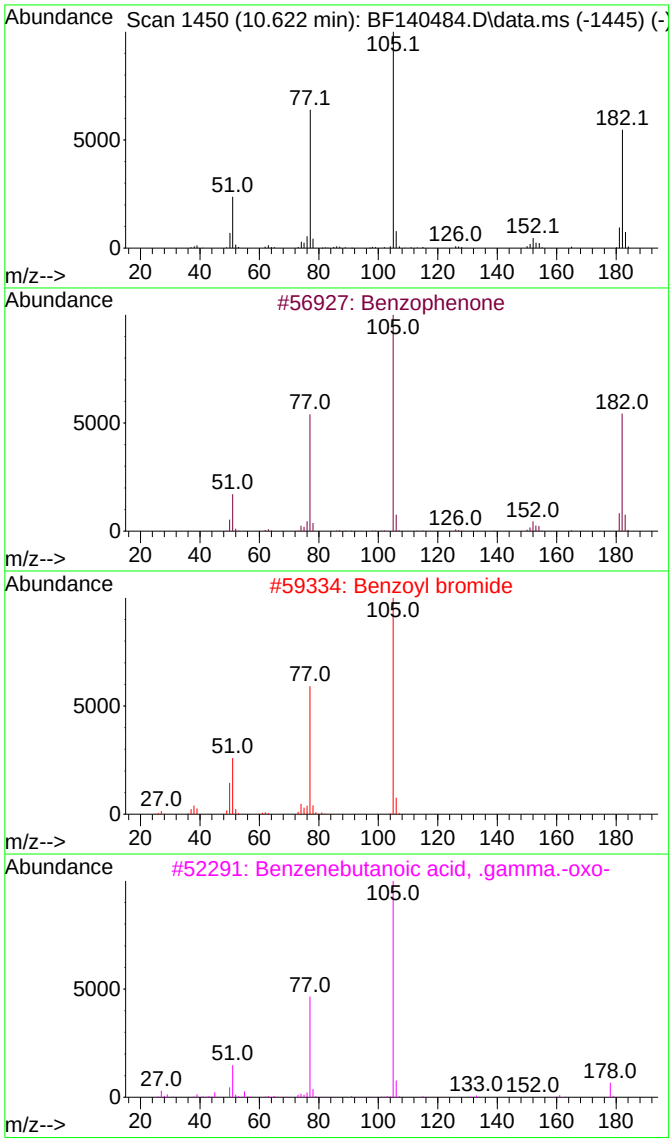
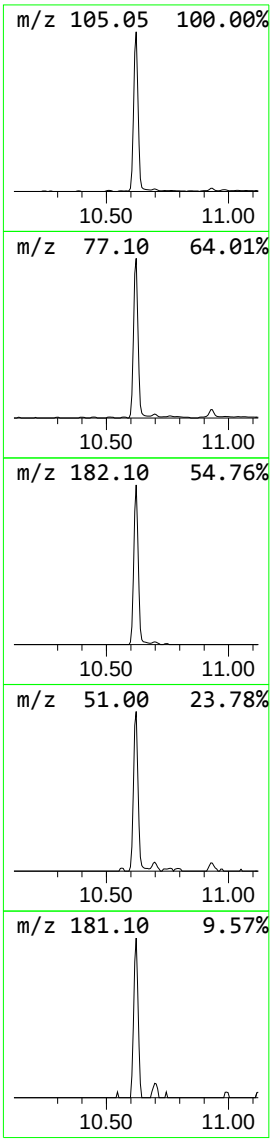
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	4.92 ng	218098	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47





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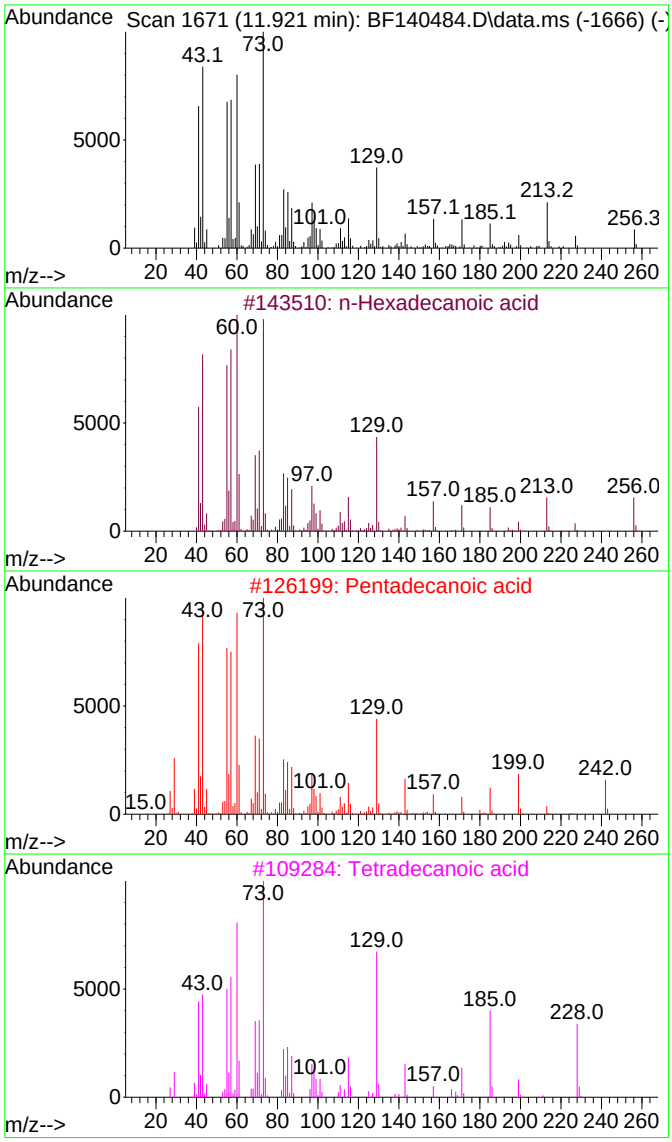
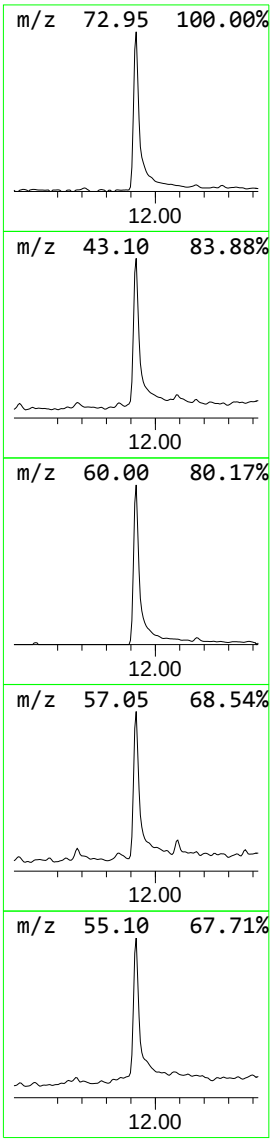
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	8.87 ng	382800	Phenanthrene-d10	11.398

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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BNA_F
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TIC Library : C:\Database\NIST20.L
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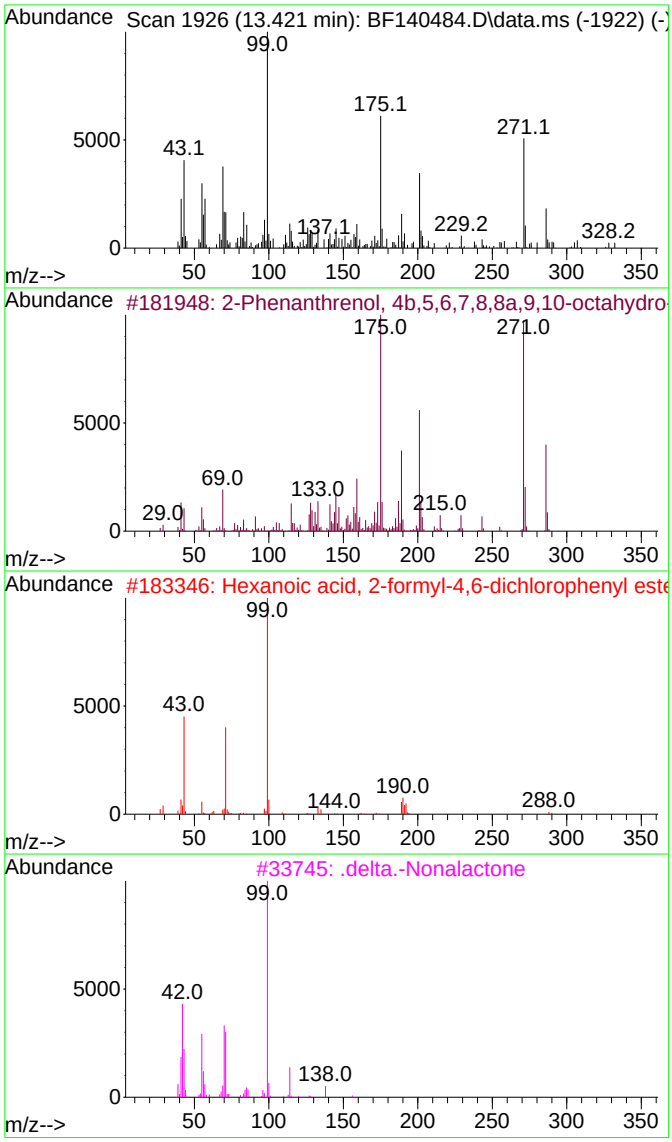
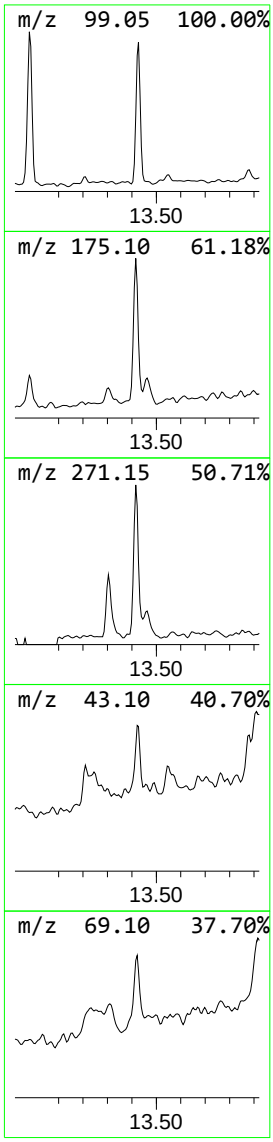
Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.421	2.50 ng	75097	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	90
2	Hexanoic acid, 2-formyl-4,6-dich...	288	C13H14Cl2O3	1000330-93-8	30
3	.delta.-Nonalactone	156	C9H16O2	003301-94-8	27
4	2H-Pyran-2-one, 6-hexyltetrahydro-	184	C11H20O2	000710-04-3	27
5	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	22





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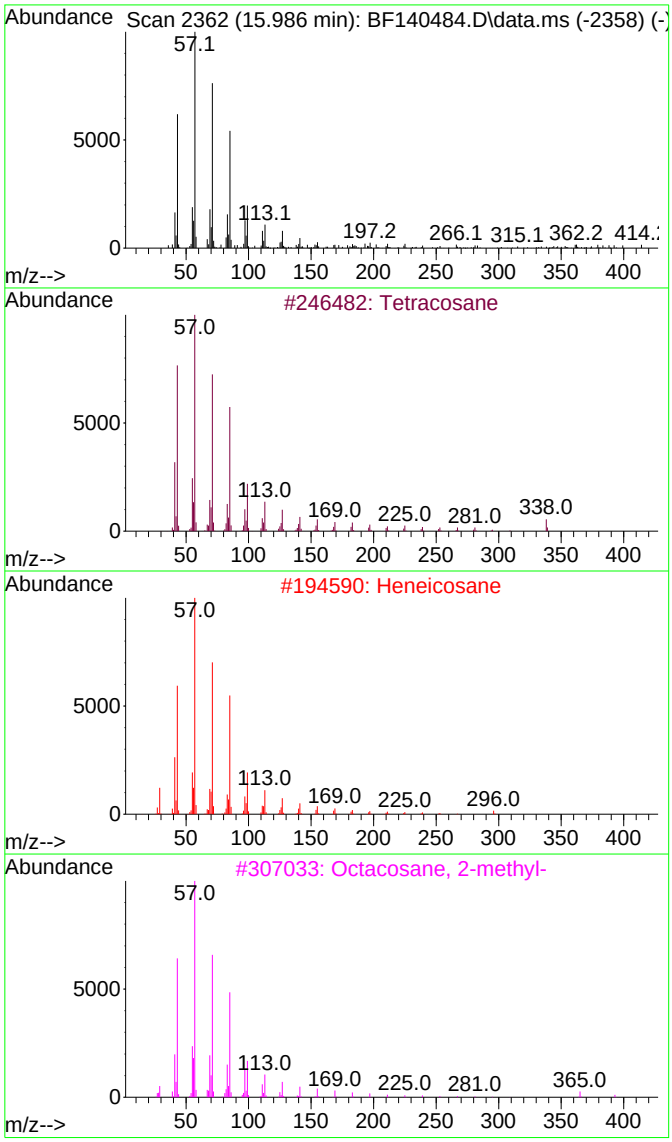
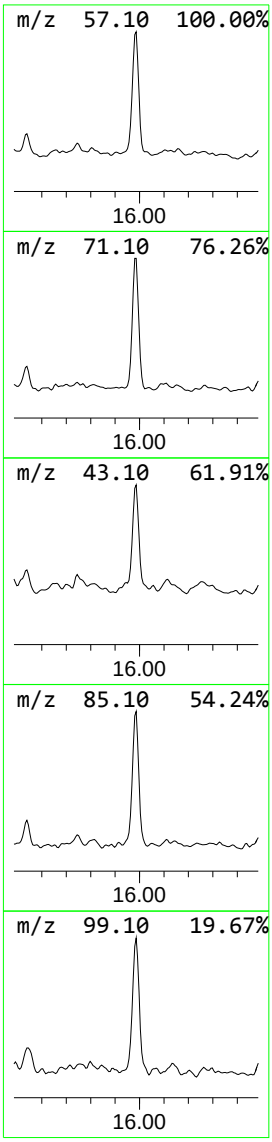
Peak Number 7 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	5.88 ng	137551	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.163	34.6	ng	1313390	1	6.875	758675	20.0
Pentanedioic ac...	7.681	2.0	ng	95635	2	8.151	938324	20.0
Benzophenone	10.621	4.9	ng	218098	3	9.910	886095	20.0
n-Hexadecanoic ...	11.921	8.9	ng	382800	4	11.398	863365	20.0
2-Phenanthrenol...	13.421	2.5	ng	75097	5	14.045	600418	20.0
Tetracosane	15.986	5.9	ng	137551	6	15.527	468077	20.0