LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
Data File : BF140719.D
Acq On : 03 Dec 2024 18:52
Operator : RC/JU
Sample : P5052-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-51

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140719.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	22	rVB	622143	994030	64.61%	8.697%
2	2.251	22	27	38	rVB	23549	38947	2.53%	0.341%
3	5.092	504	510	529	rVB	70063	109591	7.12%	0.959%
4	5.504	574	580	600	rBV	877196	1226823	79.74%	10.734%
5	6.510	745	751	771	rBV	931414	1279602	83.17%	11.196%
6	6.869	807	812	820	rBV	353450	427304	27.77%	3.739%
7	7.434	902	908	918	rBV	620127	829347	53.90%	7.257%
8	7.686	947	951	971	rBV	16869	37091	2.41%	0.325%
9	8.151	1024	1030	1048	rBV	399718	538534	35.00%	4.712%
10	9.222	1207	1212	1222	rBV	1233234	1538606	100.00%	13.462%
11	9.904	1323	1328	1340	rBV	468241	590382	38.37%	5.166%
12	10.616	1444	1449	1458	rBV	160123	202430	13.16%	1.771%
13	10.698	1458	1463	1476	rBV	628834	830317	53.97%	7.265%
14	11.398	1576	1582	1590	rBV	399606	556371	36.16%	4.868%
15	11.916	1665	1670	1684	rBV3	46201	90742	5.90%	0.794%
16	12.616	1785	1789	1796	rBV	41690	53426	3.47%	0.467%
17	12.845	1822	1828	1835	rBV	38839	58890	3.83%	0.515%
18	12.980	1845	1851	1860	rBV	846419	1070360	69.57%	9.365%
19	13.874	1998	2003	2014	rBV3	48496	88633	5.76%	0.776%
20	14.051	2028	2033	2045	rVB	296878	431708	28.06%	3.777%
21	14.521	2110	2113	2118	rBV5	13411	21341	1.39%	0.187%
22	15.562	2285	2290	2299	rVB	264670	414461	26.94%	3.626%

Sum of corrected areas: 11428936

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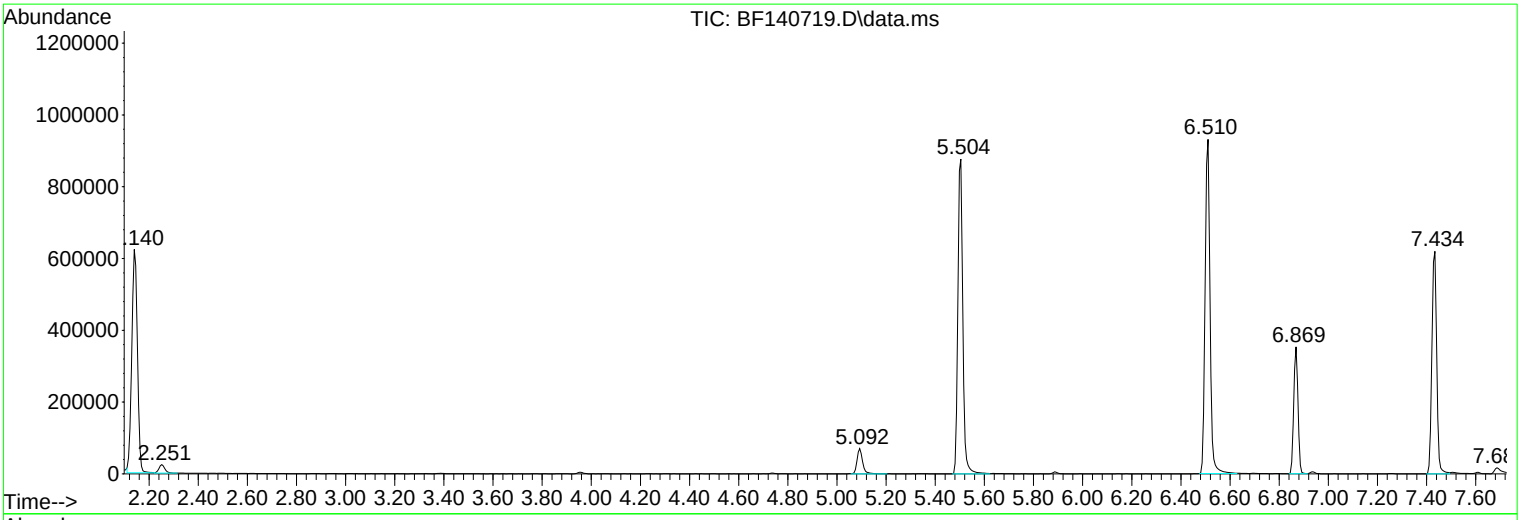
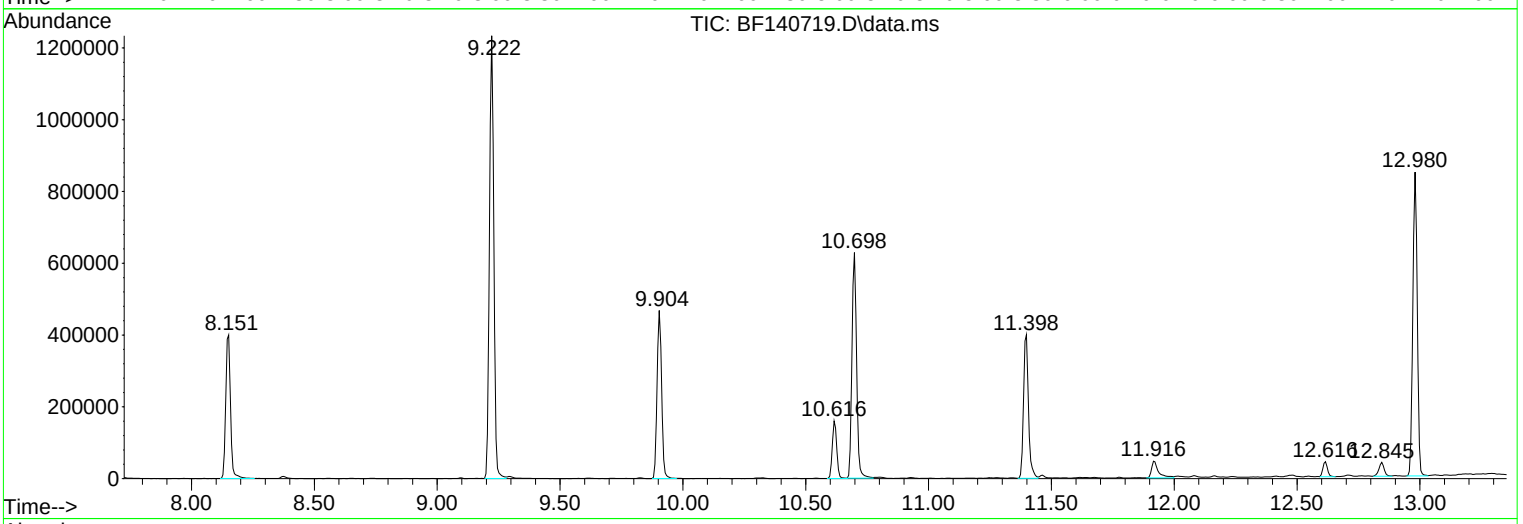
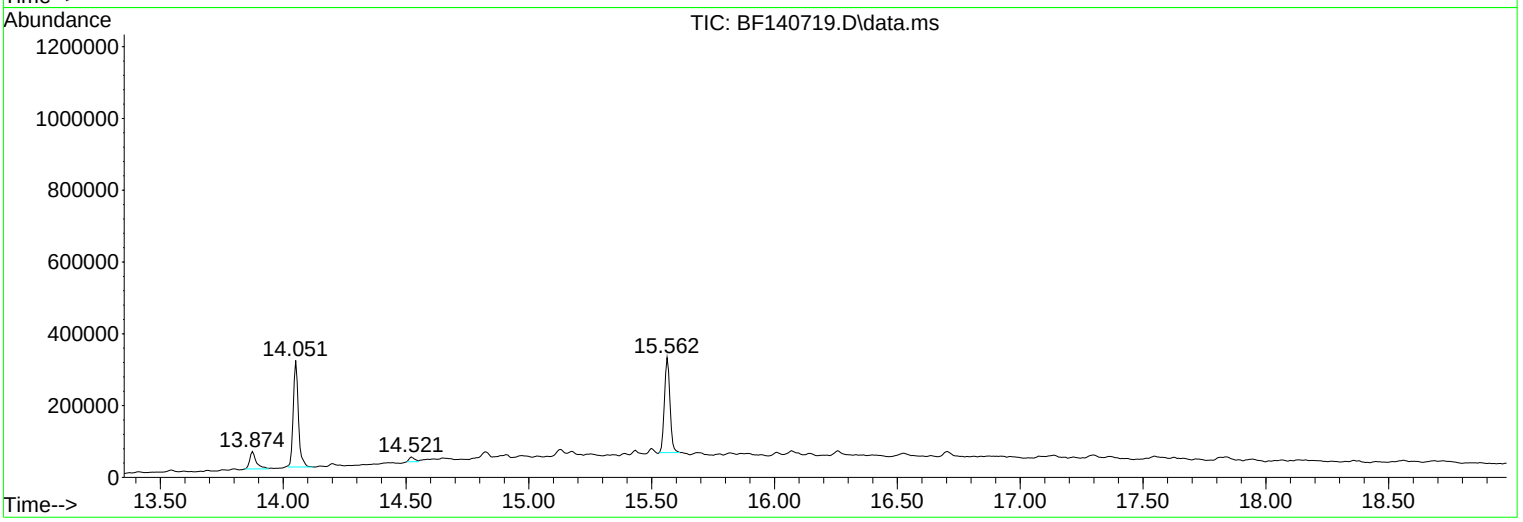
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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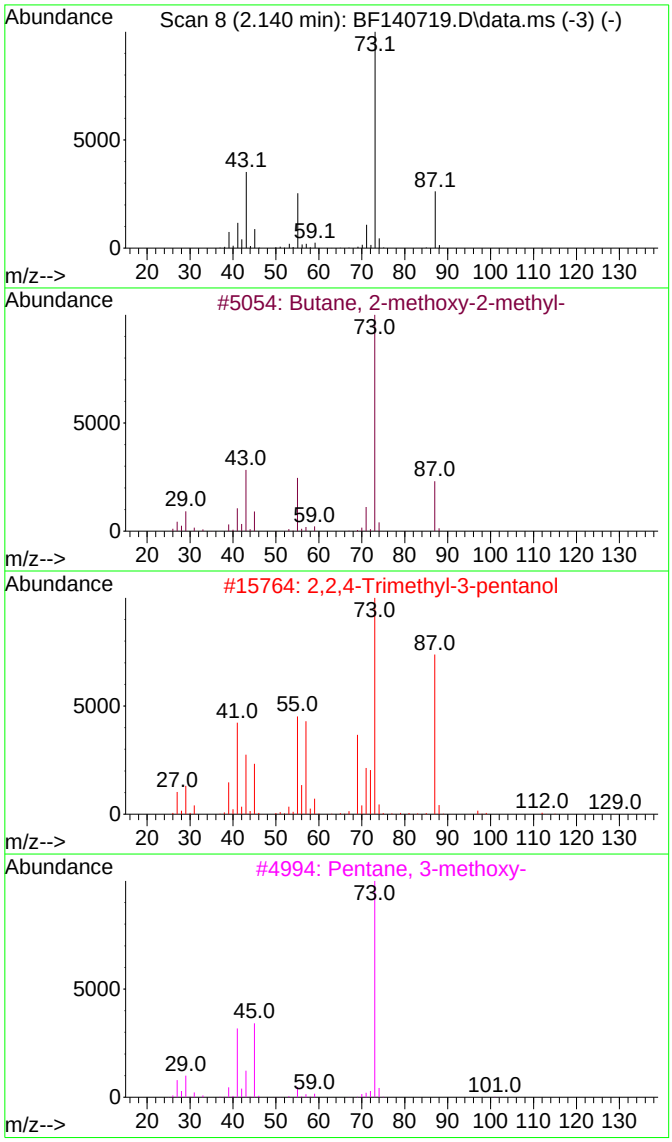
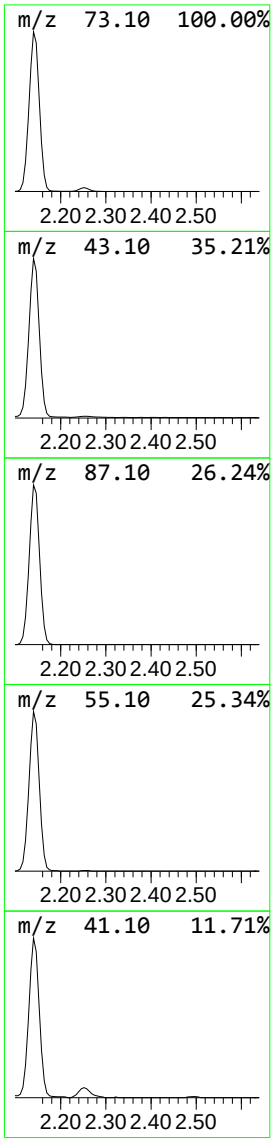
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	46.53 ng	994030	1,4-Dichlorobenzene-d4	6.869

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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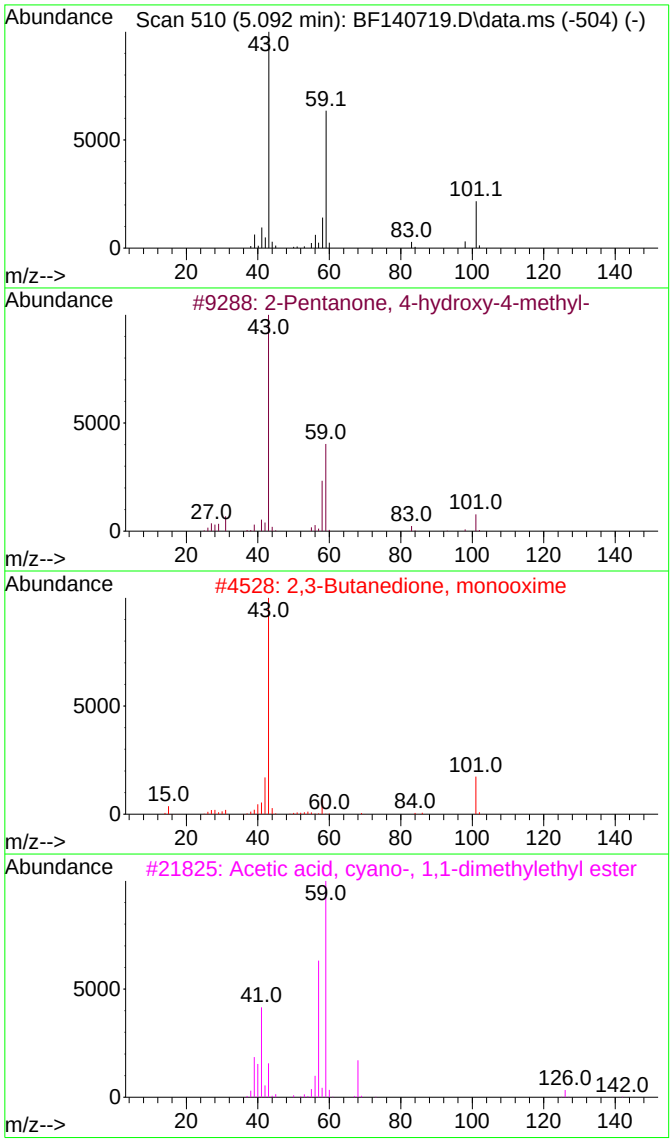
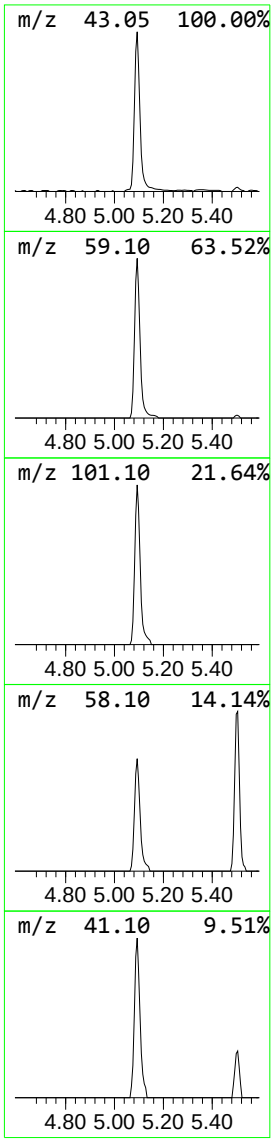
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	5.13 ng	109591	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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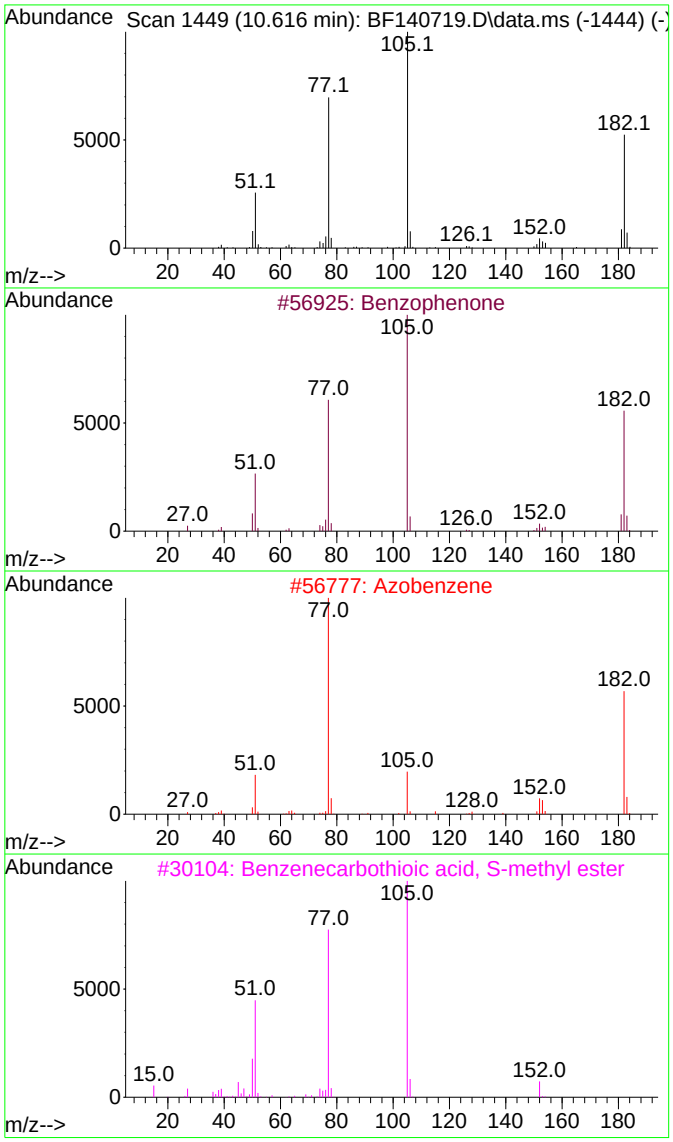
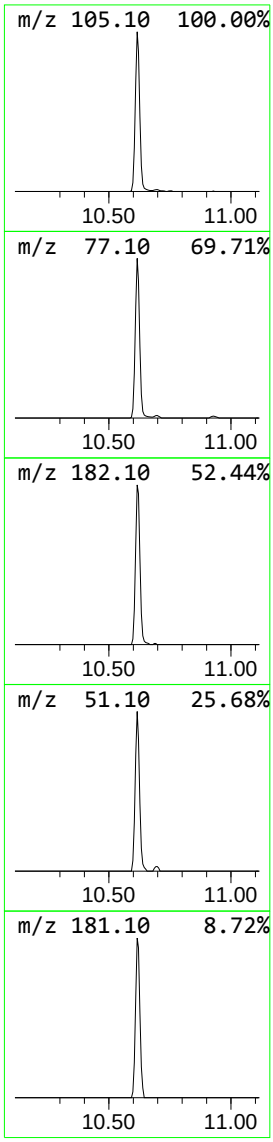
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	6.86 ng	202430	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
5	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47





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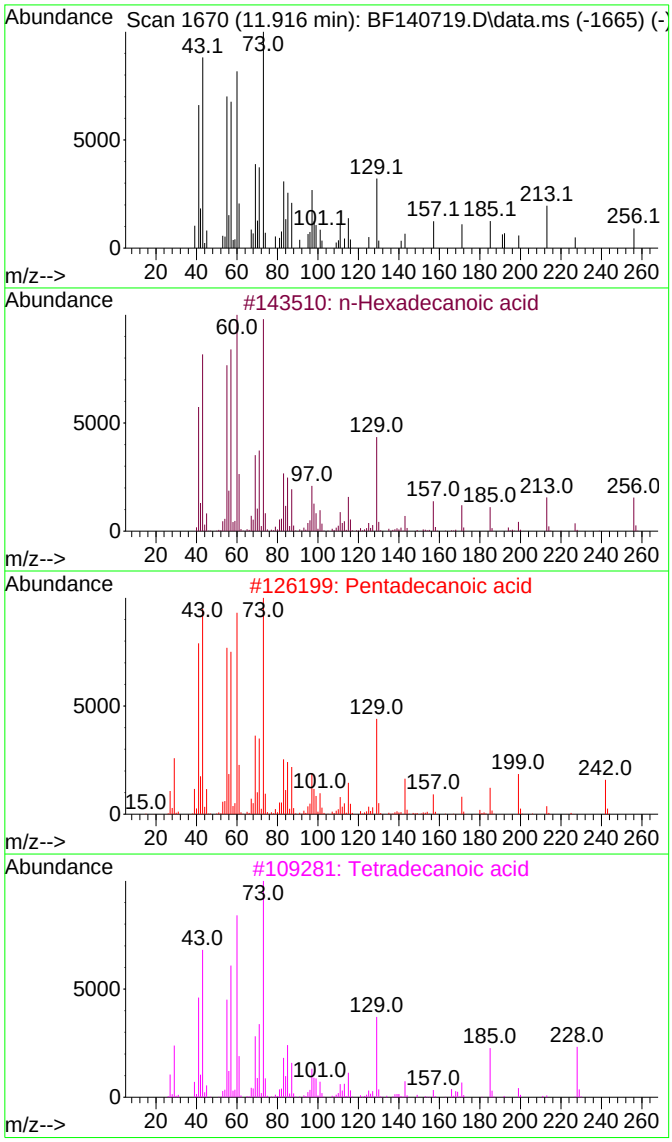
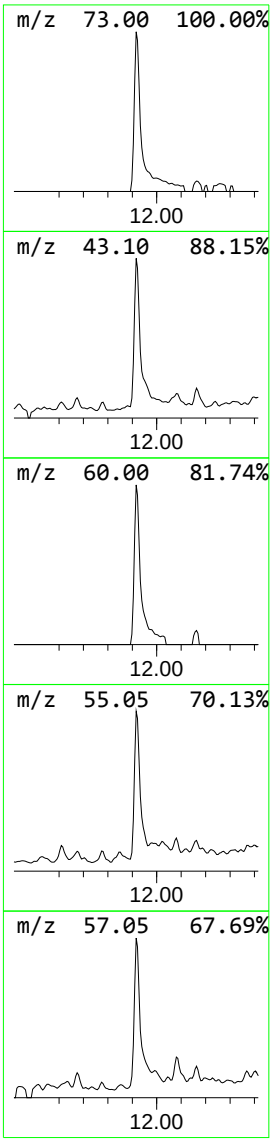
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.26 ng	90742	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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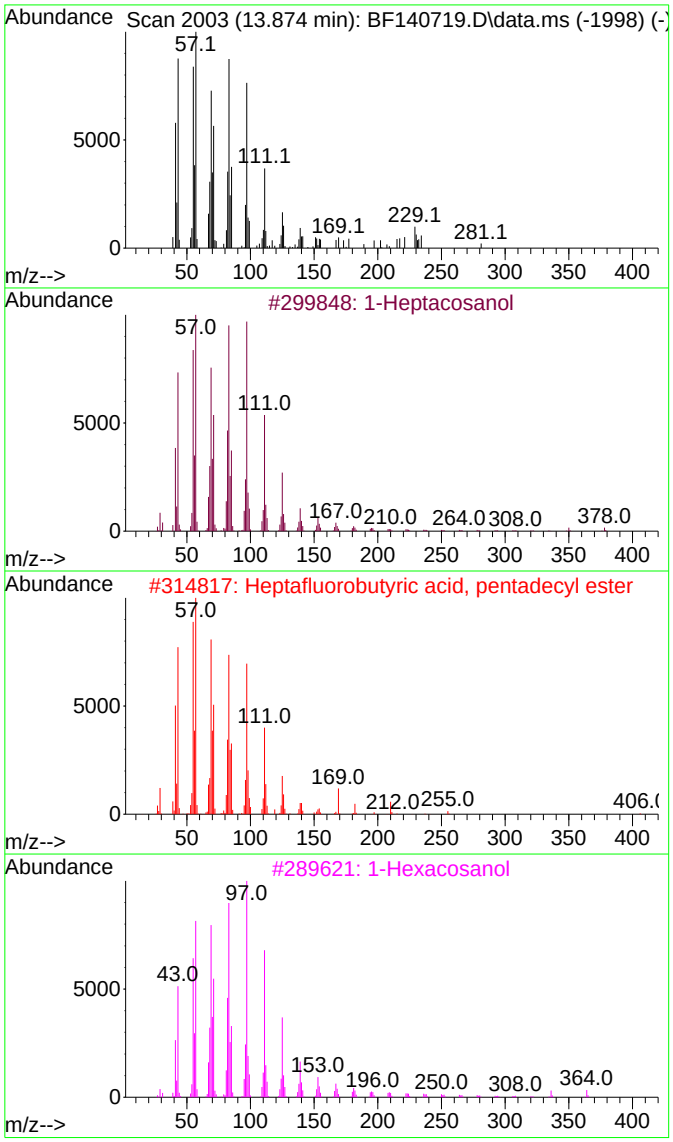
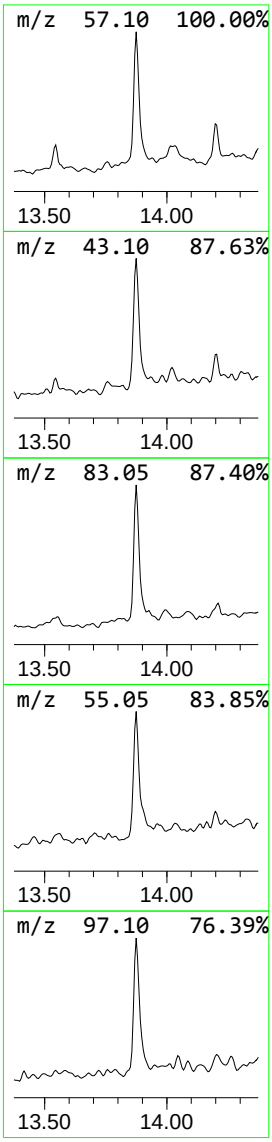
Peak Number 6 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.11 ng	88633	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	46.5	ng	994030	1	6.869	427304	20.0
2-Pentanone, 4-...	5.092	5.1	ng	109591	1	6.869	427304	20.0
Benzophenone	10.616	6.9	ng	202430	3	9.904	590382	20.0
n-Hexadecanoic ...	11.916	3.3	ng	90742	4	11.398	556371	20.0
1-Heptacosanol	13.874	4.1	ng	88633	5	14.051	431708	20.0