LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133901.D
Acq On : 22 Jun 2023 15:00
Operator : CG\JU
Sample : 03321-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-20

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	18	rVB	355297	465452	19.82%	2.698%
2	2.240	23	26	32	rVB	23419	32526	1.39%	0.189%
3	5.093	506	511	521	rVB	821752	1001647	42.66%	5.806%
4	5.493	575	579	582	rBV	2157012	1914473	81.53%	11.098%
5	5.881	642	645	650	rBV	51140	46680	1.99%	0.271%
6	6.492	745	749	752	rBV	2008624	1962363	83.57%	11.375%
7	6.857	808	811	815	rBV	827994	653048	27.81%	3.786%
8	7.422	902	907	910	rBV	1512766	1319262	56.18%	7.647%
9	8.139	1025	1029	1032	rBV	1002256	838739	35.72%	4.862%
10	9.216	1208	1212	1215	rBV	2972382	2348164	100.00%	13.612%
11	9.898	1324	1328	1331	rBV	1064785	871306	37.11%	5.051%
12	10.610	1446	1449	1453	rBV	158485	134441	5.73%	0.779%
13	10.686	1458	1462	1472	rBV	1493556	1371728	58.42%	7.952%
14	11.386	1578	1581	1585	rBV	874618	791227	33.70%	4.587%
15	11.916	1668	1671	1683	rBV	194117	229996	9.79%	1.333%
16	12.710	1803	1806	1813	rBV3	47873	59438	2.53%	0.345%
17	12.986	1849	1853	1856	rBV	2112755	1805278	76.88%	10.465%
18	13.898	2005	2008	2019	rBV3	79752	193899	8.26%	1.124%
19	14.045	2030	2033	2037	rBV	689032	650295	27.69%	3.770%
20	14.216	2059	2062	2065	rBV	29877	32684	1.39%	0.189%
21	14.521	2112	2114	2117	rVB3	35091	30100	1.28%	0.174%
22	15.557	2286	2290	2294	rBV	407772	498159	21.21%	2.888%

Sum of corrected areas: 17250905

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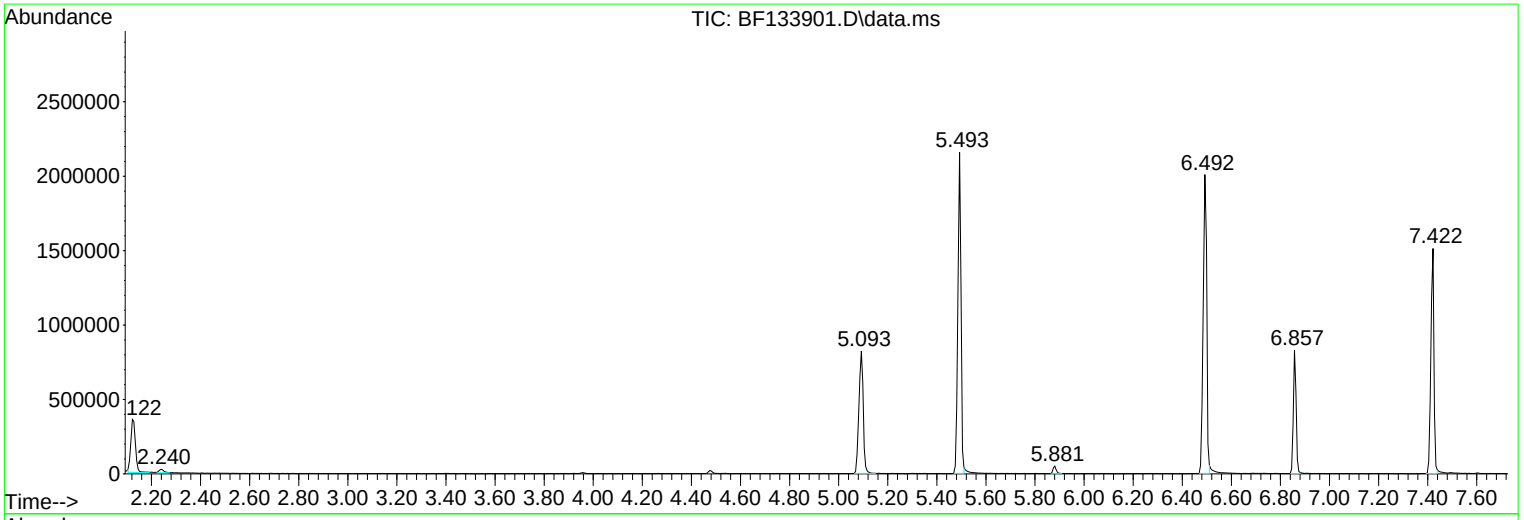
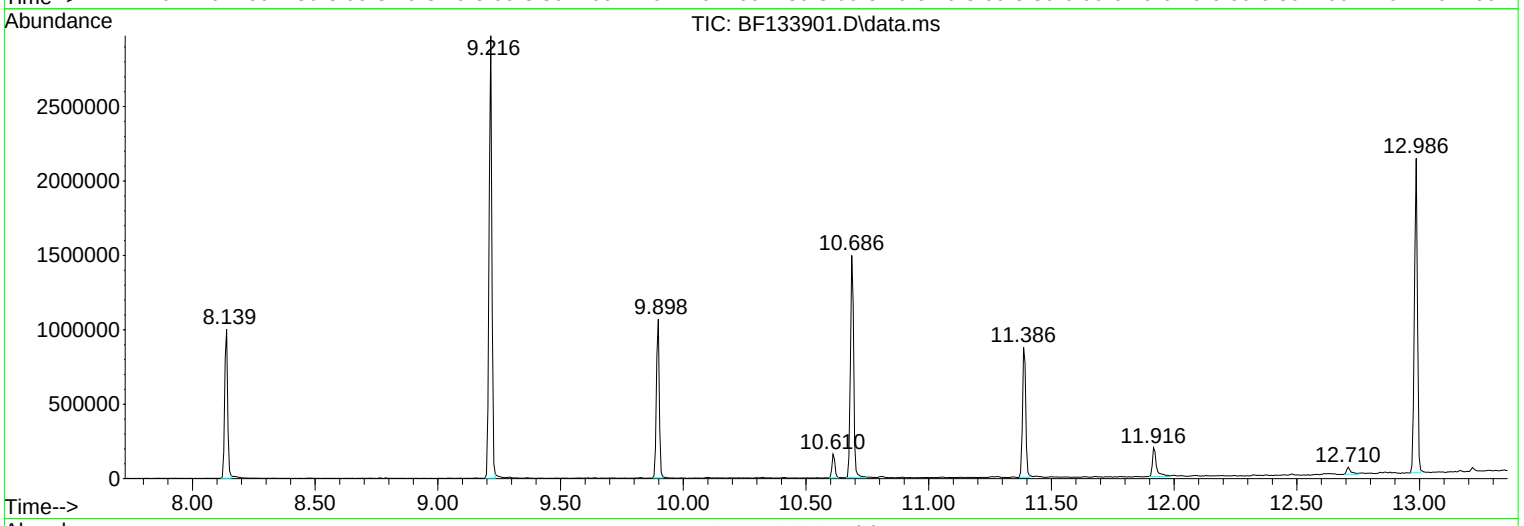
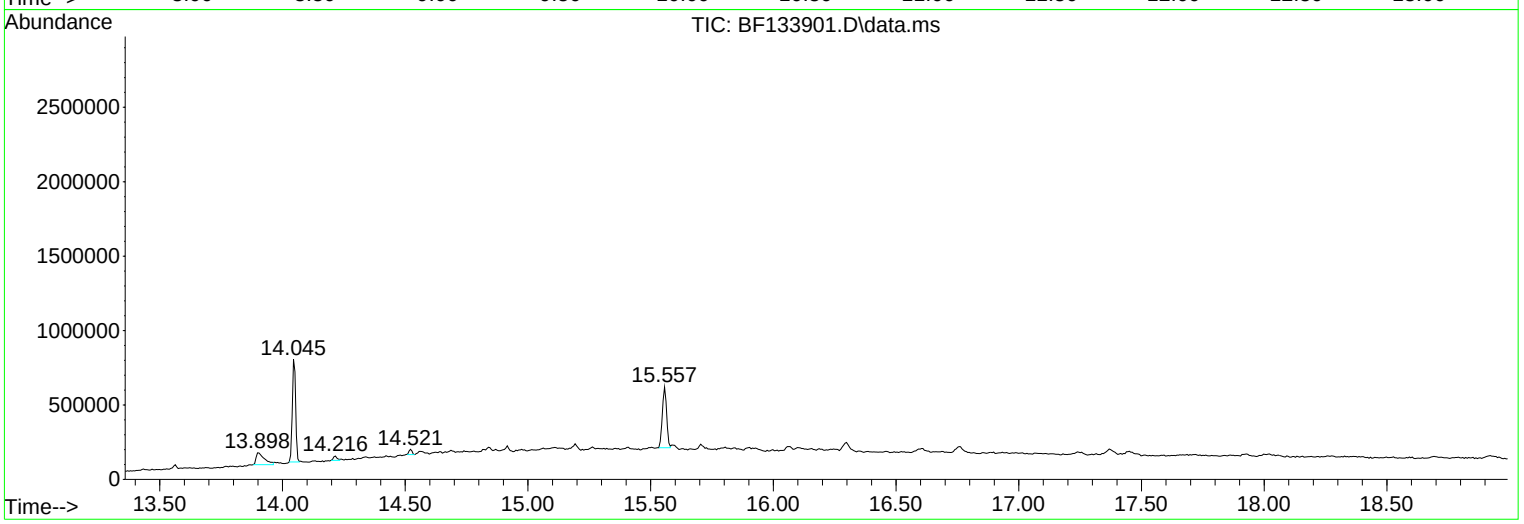
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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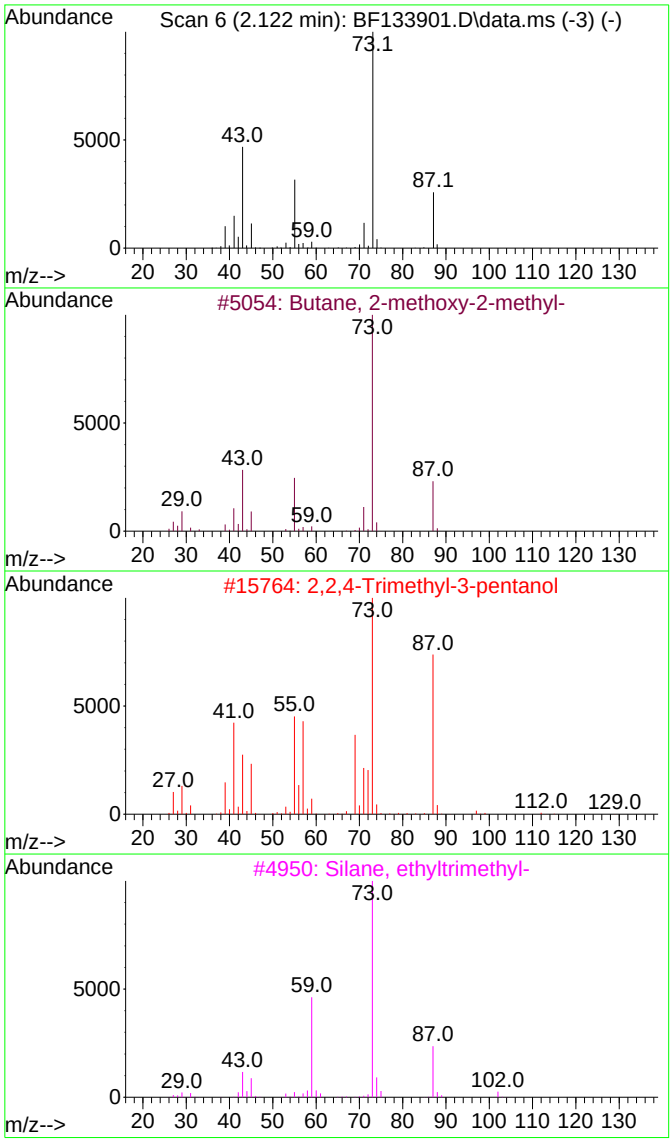
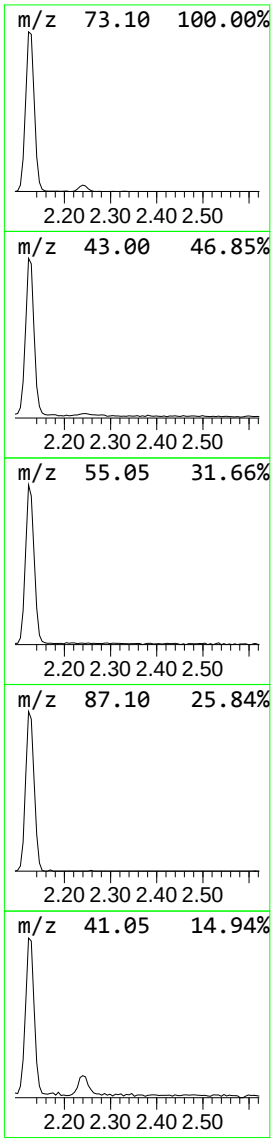
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	14.25 ng	465452	1,4-Dichlorobenzene-d4	6.857

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	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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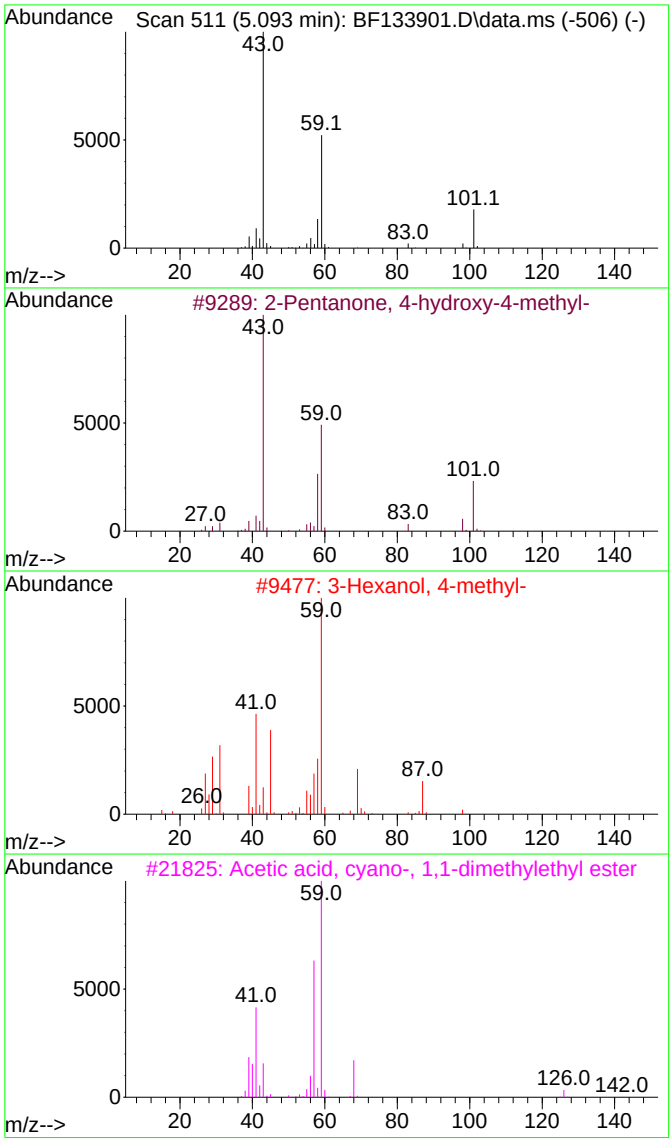
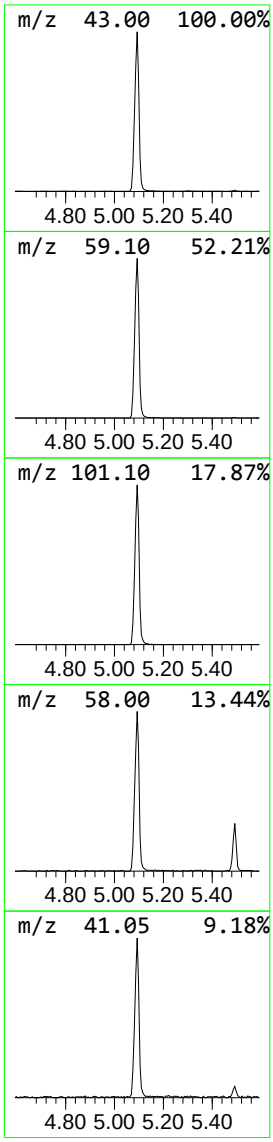
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	30.68 ng	1001650	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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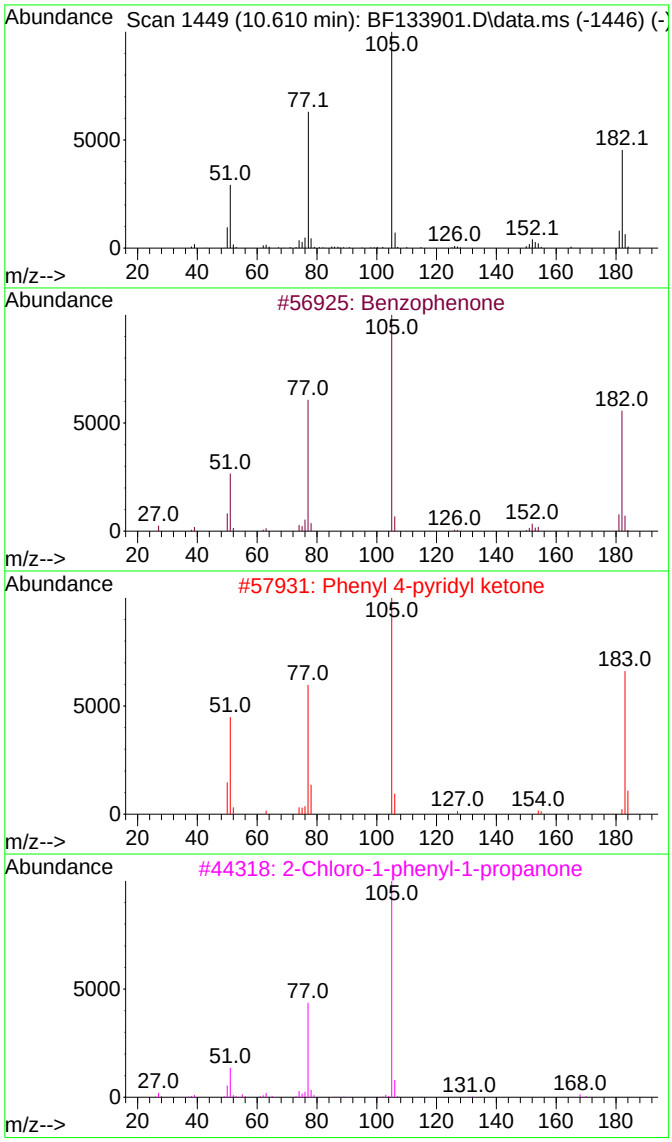
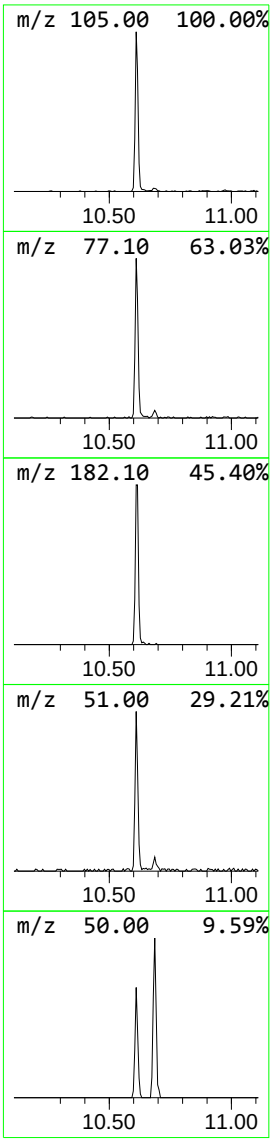
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	3.09 ng	134441	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3	2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	50
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	50
5	Vinyl benzoate	148	C9H8O2	000769-78-8	50





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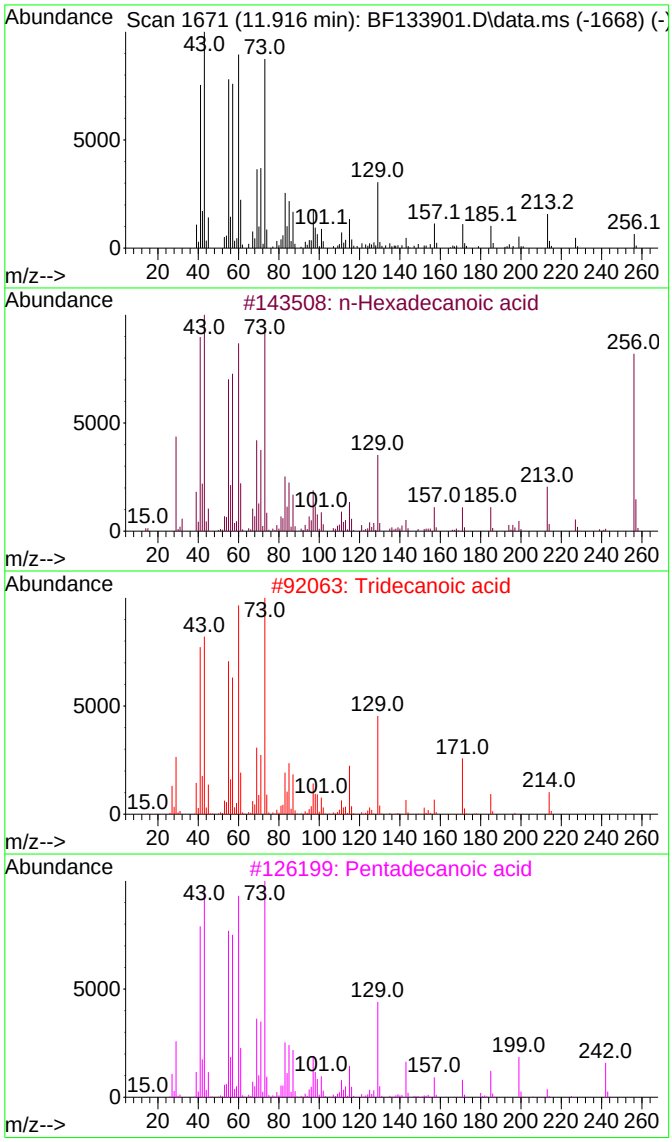
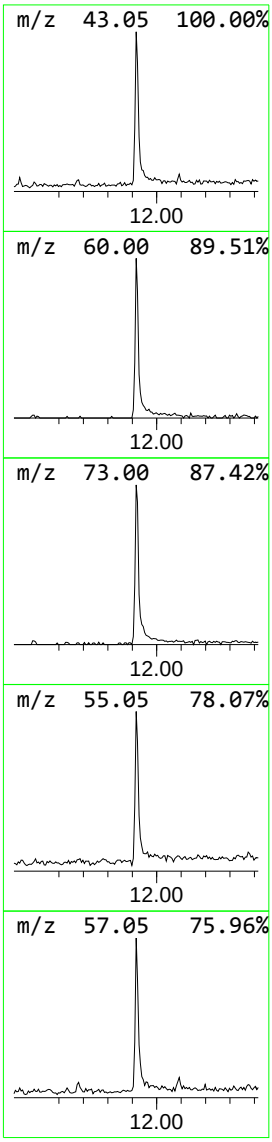
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	5.81 ng	229996	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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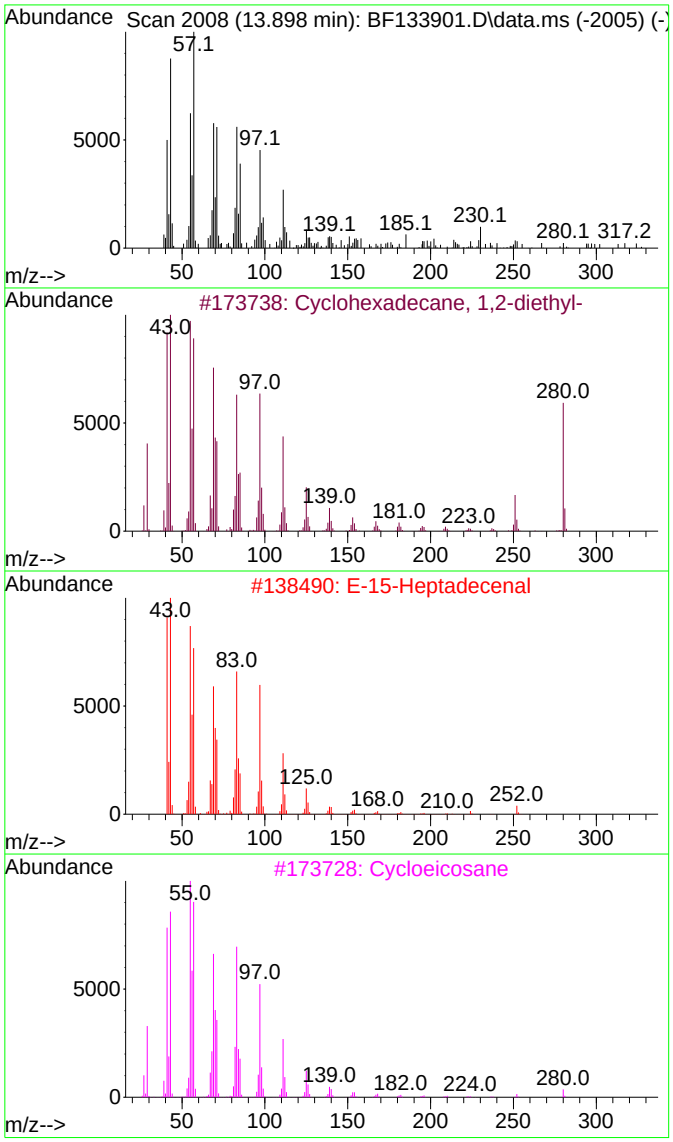
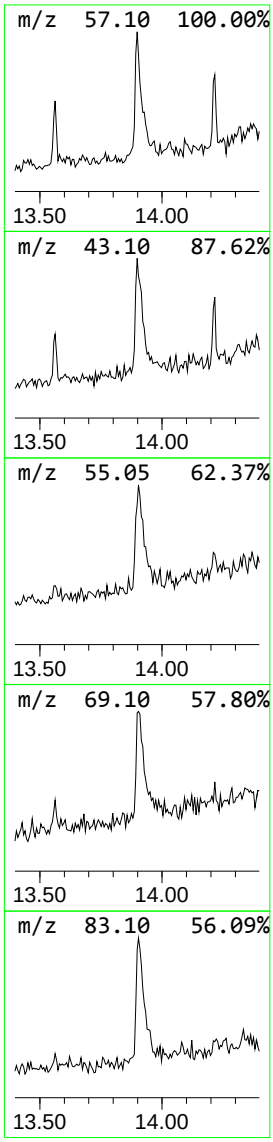
Peak Number 5 Cyclohexadecane, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.96 ng	193899	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	Cycloeicosane	280	C20H40	000296-56-0	95
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	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...	2.122	14.3	ng	465452	1	6.857	653048	20.0
2-Pentanone, 4-...	5.093	30.7	ng	1001650	1	6.857	653048	20.0
Benzophenone	10.610	3.1	ng	134441	3	9.898	871306	20.0
n-Hexadecanoic ...	11.916	5.8	ng	229996	4	11.386	791227	20.0
Cyclohexadecane...	13.898	6.0	ng	193899	5	14.045	650295	20.0