LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143393.D
Acq On : 14 Aug 2025 20:56
Operator : RC/JU
Sample : Q2814-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-BP-W

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143393.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	4	12	27	rVB	2602518	4235548	98.89%	15.138%
2	5.163	498	505	522	rVB	207714	306396	7.15%	1.095%
3	5.569	568	574	594	rVB	1646396	2214229	51.70%	7.914%
4	6.563	737	743	763	rBV	1306042	1801594	42.06%	6.439%
5	6.934	801	806	813	rBV	698455	862794	20.14%	3.084%
6	7.492	894	901	911	rBV	1782517	2516170	58.75%	8.993%
7	7.804	950	954	965	rVB	30591	43260	1.01%	0.155%
8	8.210	1018	1023	1040	rBV	823185	1132794	26.45%	4.049%
9	9.286	1200	1206	1218	rBV	3282307	4283038	100.00%	15.308%
10	9.969	1316	1322	1334	rBV	998732	1256786	29.34%	4.492%
11	10.680	1438	1443	1450	rBV	286949	368090	8.59%	1.316%
12	10.757	1450	1456	1471	rBV	1853466	2463209	57.51%	8.804%
13	11.457	1569	1575	1593	rVB	838872	1126836	26.31%	4.027%
14	11.980	1659	1664	1680	rBV2	95262	198076	4.62%	0.708%
15	12.763	1793	1797	1809	rBV	26780	54304	1.27%	0.194%
16	13.039	1838	1844	1849	rBV	2760982	3530439	82.43%	12.618%
17	13.610	1937	1941	1949	rVB	28881	43019	1.00%	0.154%
18	13.939	1992	1997	2012	rBV	55102	114044	2.66%	0.408%
19	14.098	2018	2024	2034	rVB	463784	643960	15.04%	2.302%
20	15.592	2272	2278	2290	rBV	452864	785289	18.33%	2.807%

Sum of corrected areas: 27979875

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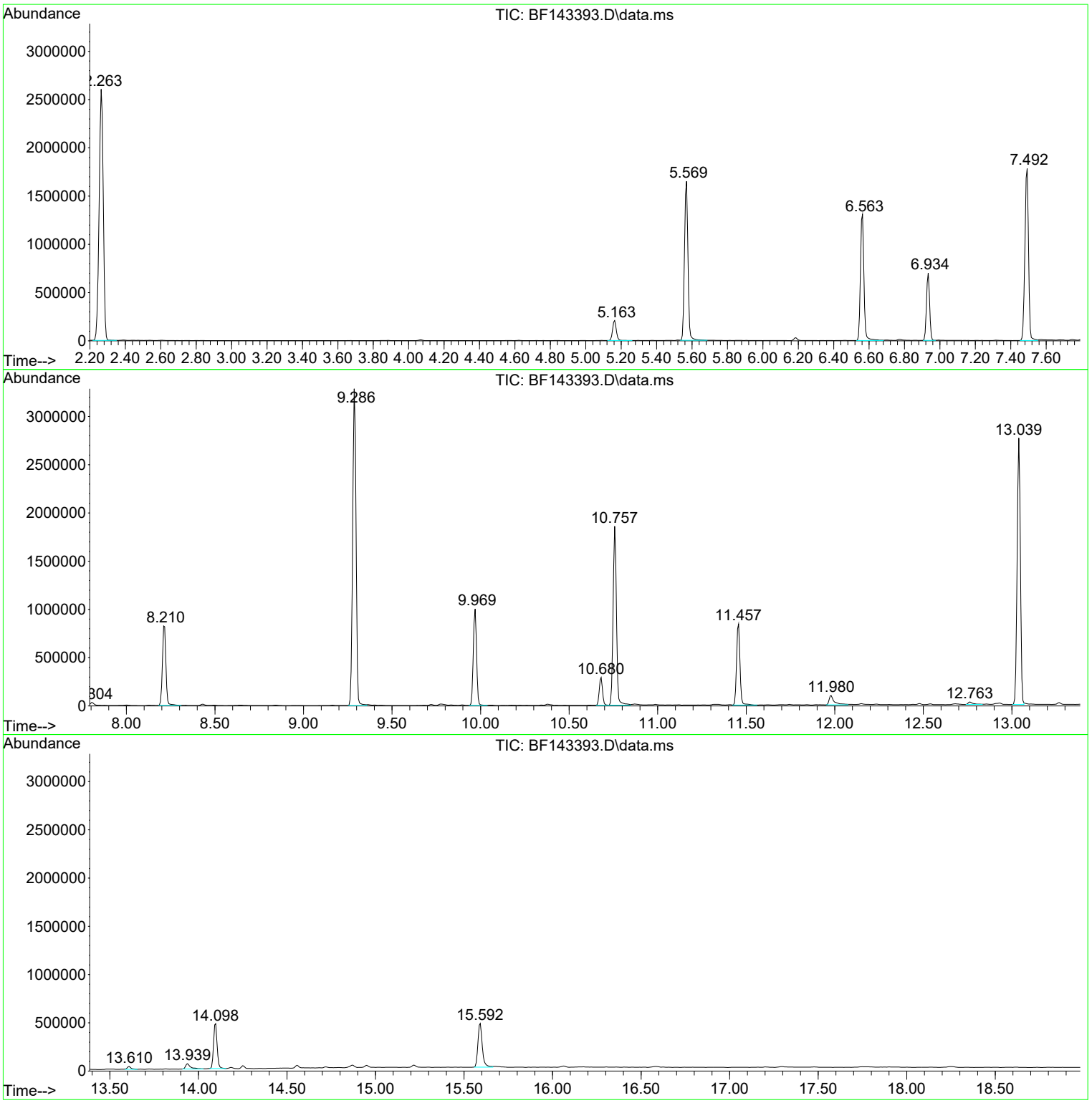
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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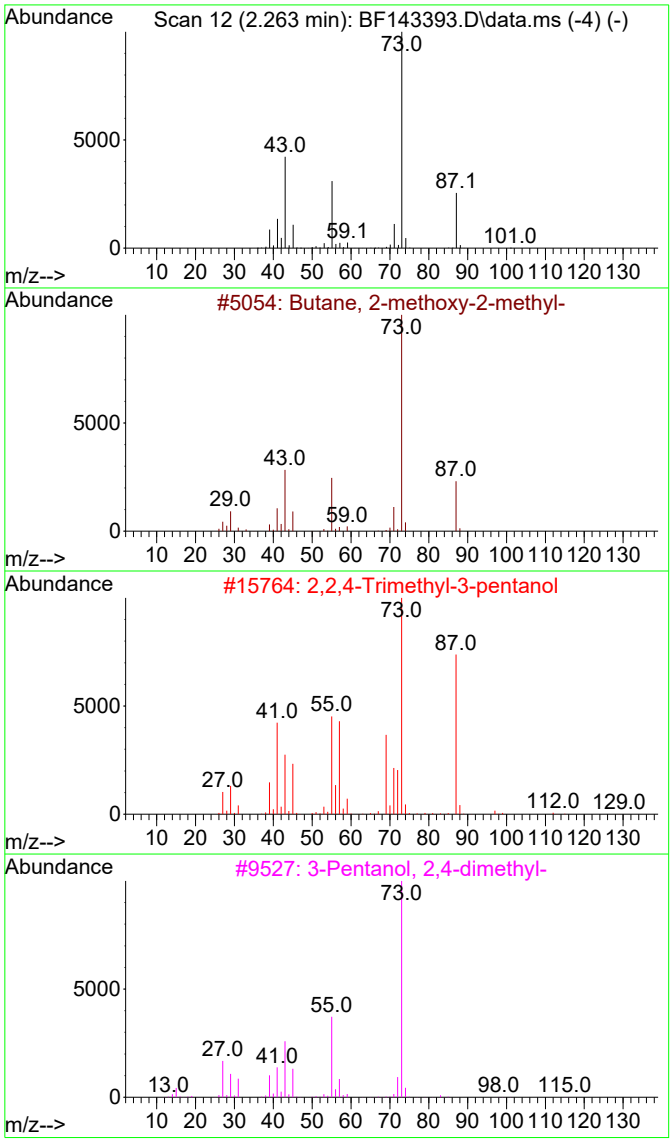
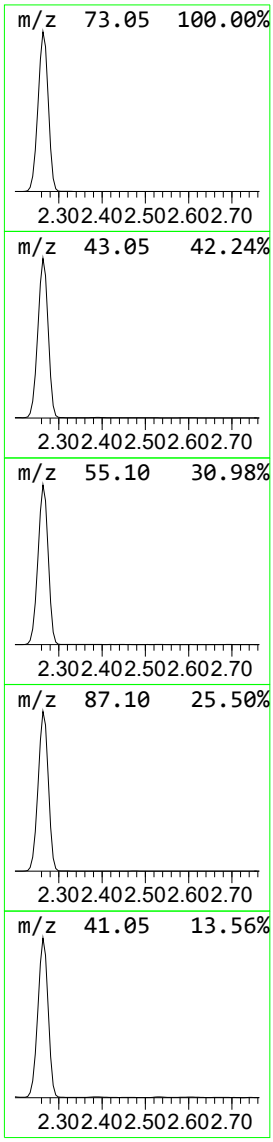
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	98.18 ng	4235550	1,4-Dichlorobenzene-d4	6.934

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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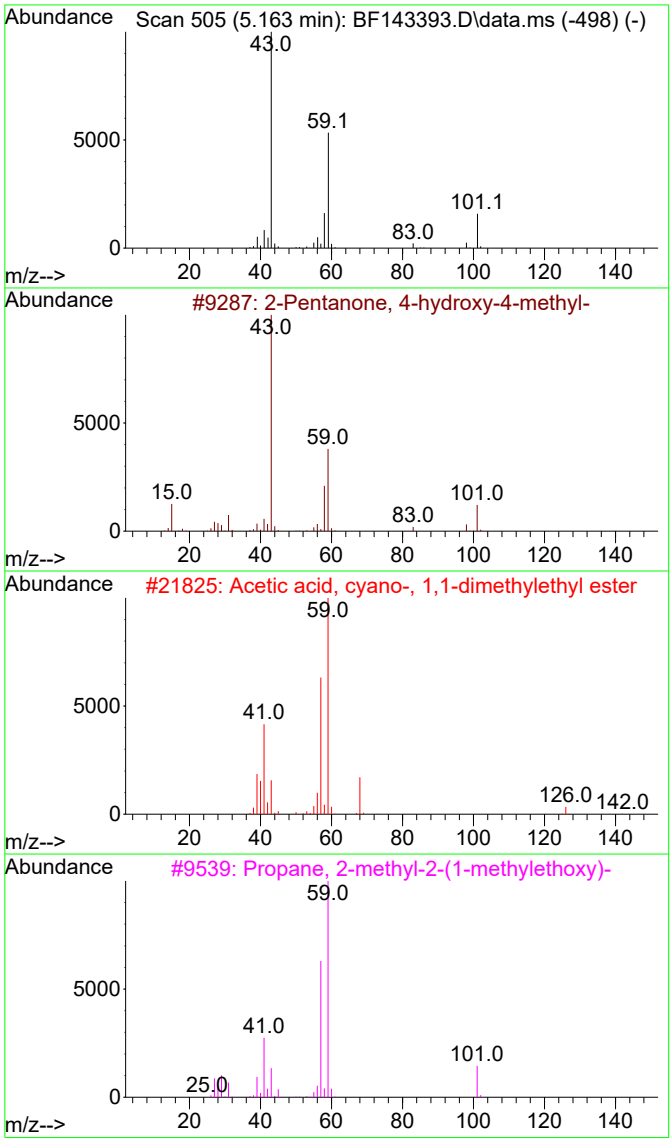
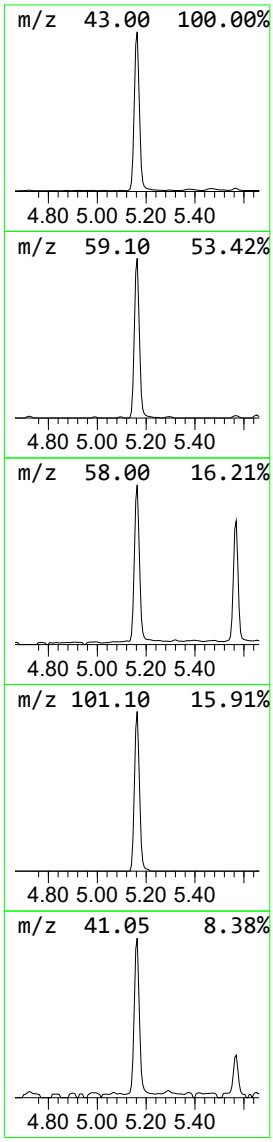
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	7.10 ng	306396	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





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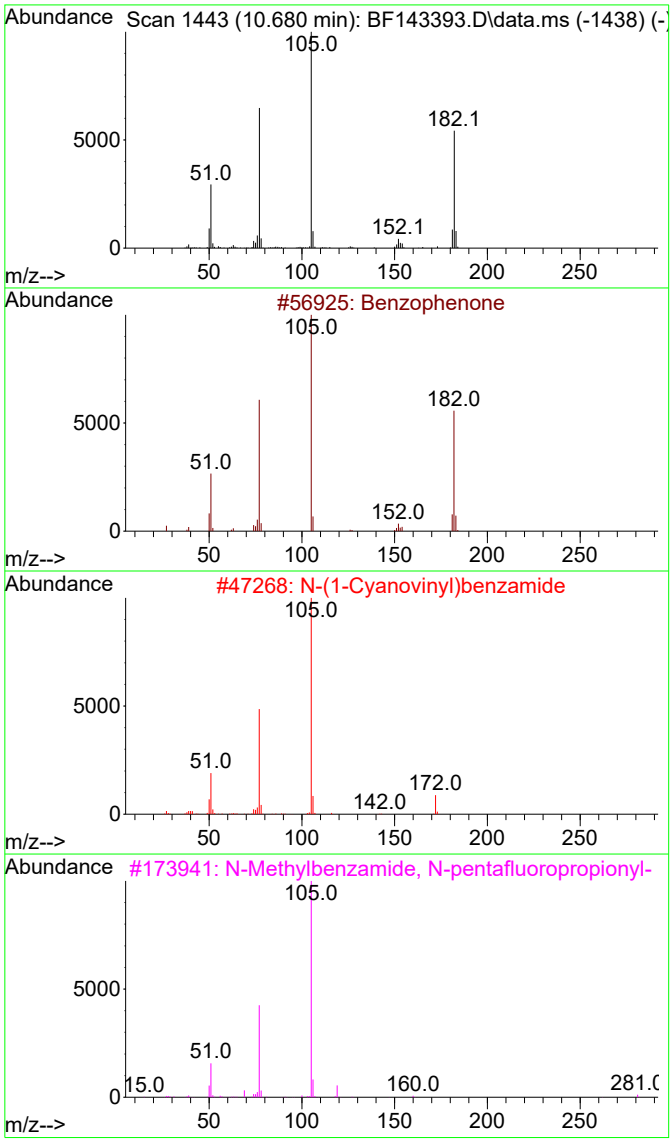
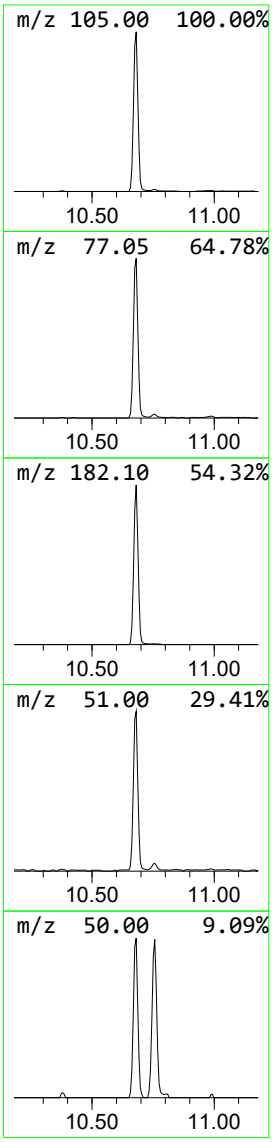
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	5.86 ng	368090	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	50
3	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	50
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50





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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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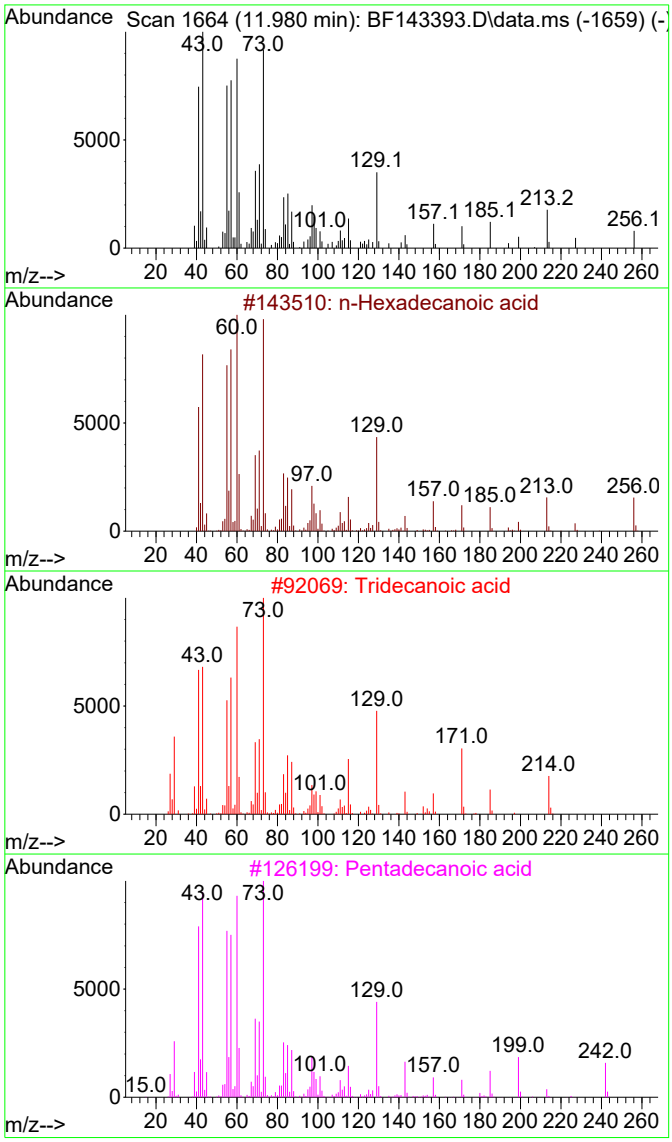
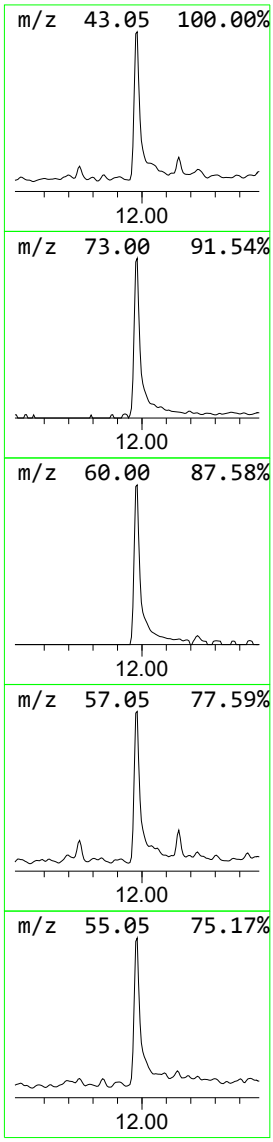
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	3.52 ng	198076	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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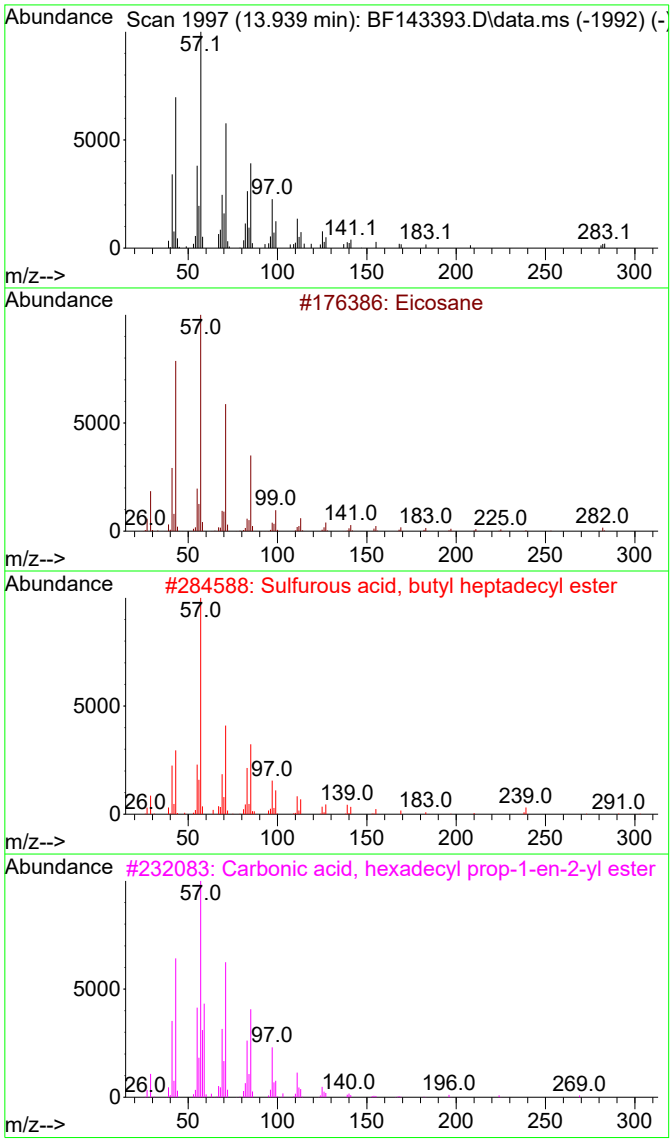
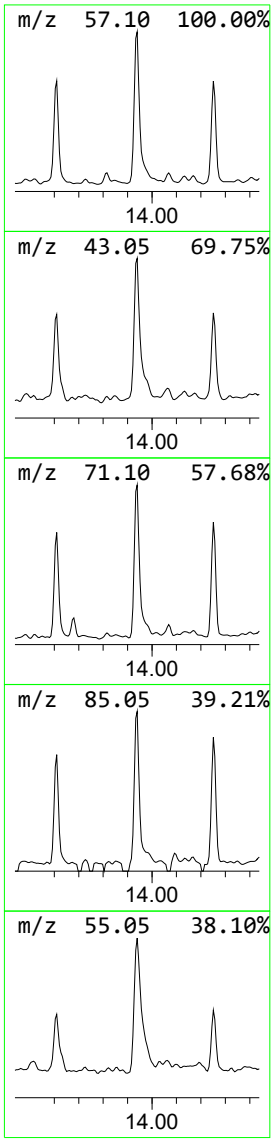
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	3.54 ng	114044	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	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...	2.263	98.2	ng	4235550	1	6.934	862794	20.0
2-Pentanone, 4-...	5.163	7.1	ng	306396	1	6.934	862794	20.0
Benzophenone	10.680	5.9	ng	368090	3	9.969	1256790	20.0
n-Hexadecanoic ...	11.980	3.5	ng	198076	4	11.457	1126840	20.0
Eicosane	13.939	3.5	ng	114044	5	14.098	643960	20.0