LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131939.D
Acq On : 06 Jan 2023 13:48
Operator : CG\JU
Sample : N6243-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-10

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131939.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	490	495	507	rVB	508700	628445	37.18%	5.244%
2	5.410	561	565	568	rBV	1677700	1515523	89.66%	12.646%
3	6.434	734	739	742	rBV	1607391	1553867	91.93%	12.966%
4	6.622	768	771	778	rBV2	41029	39826	2.36%	0.332%
5	6.798	797	801	804	rVB	469485	402369	23.80%	3.357%
6	7.369	893	898	900	rBV	1135979	999687	59.14%	8.342%
7	7.392	900	902	905	rVB	36916	28627	1.69%	0.239%
8	8.086	1016	1020	1023	rVB	603293	473841	28.03%	3.954%
9	9.169	1199	1204	1207	rBV	2149153	1690320	100.00%	14.104%
10	9.545	1265	1268	1273	rBV4	18426	23242	1.38%	0.194%
11	9.845	1316	1319	1323	rVB	564825	513697	30.39%	4.286%
12	10.180	1370	1376	1378	rBV7	14778	24995	1.48%	0.209%
13	10.251	1385	1388	1391	rBV2	40166	38100	2.25%	0.318%
14	10.498	1427	1430	1435	rVB	21402	21902	1.30%	0.183%
15	10.569	1438	1442	1445	rVV	425403	339984	20.11%	2.837%
16	10.645	1451	1455	1458	rBV	1078566	918977	54.37%	7.668%
17	10.763	1472	1475	1482	rVB3	80051	90729	5.37%	0.757%
18	11.233	1552	1555	1560	rVB	68941	68365	4.04%	0.570%
19	11.345	1570	1574	1576	rBV	536171	470821	27.85%	3.929%
20	12.939	1841	1845	1848	rVB	1441037	1200310	71.01%	10.016%
21	13.839	1995	1998	2006	rVB2	140150	195303	11.55%	1.630%
22	13.998	2022	2025	2028	rVB	432929	369433	21.86%	3.083%
23	15.474	2272	2276	2281	rVB	312249	375988	22.24%	3.137%

Sum of corrected areas: 11984351

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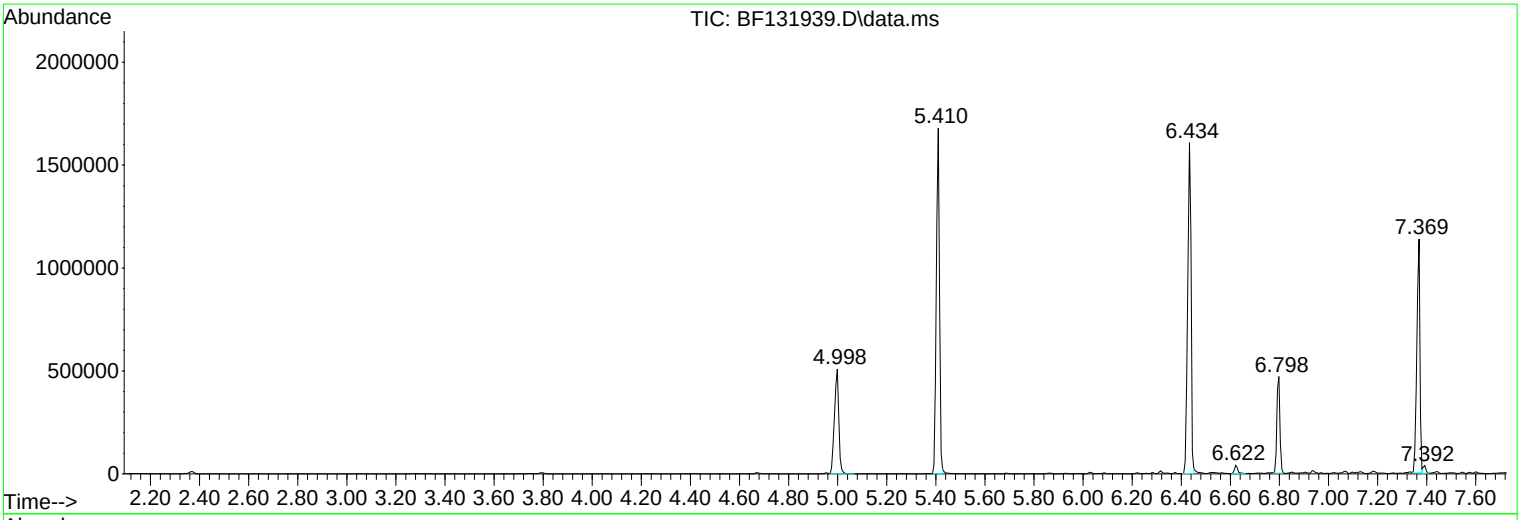
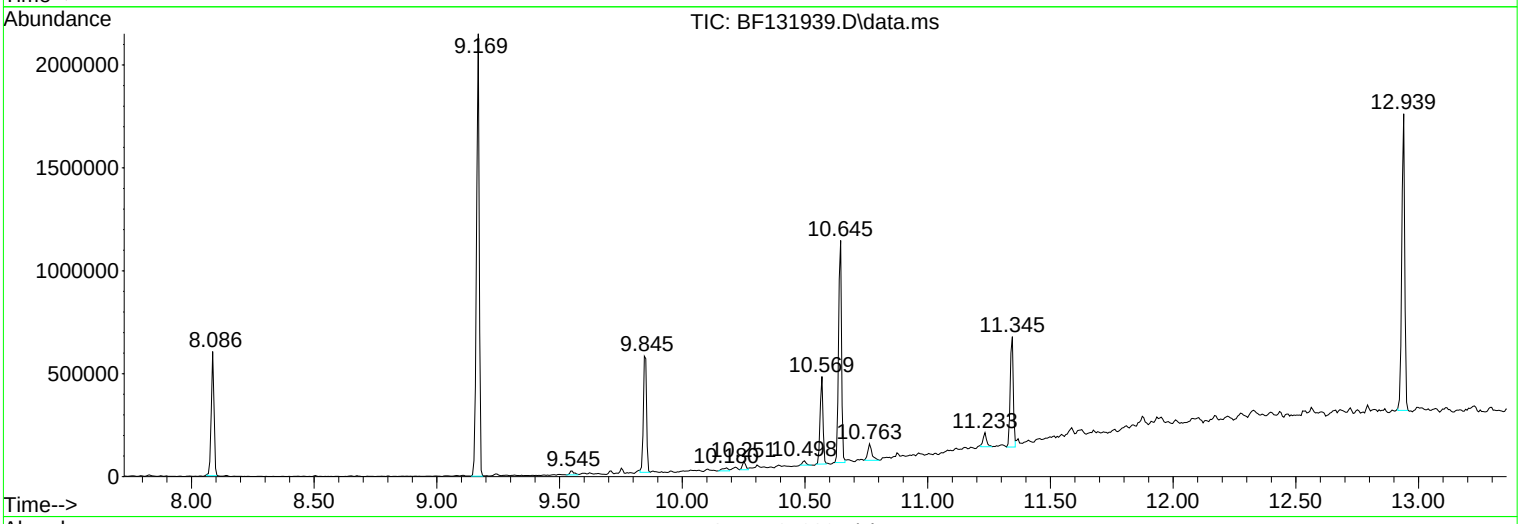
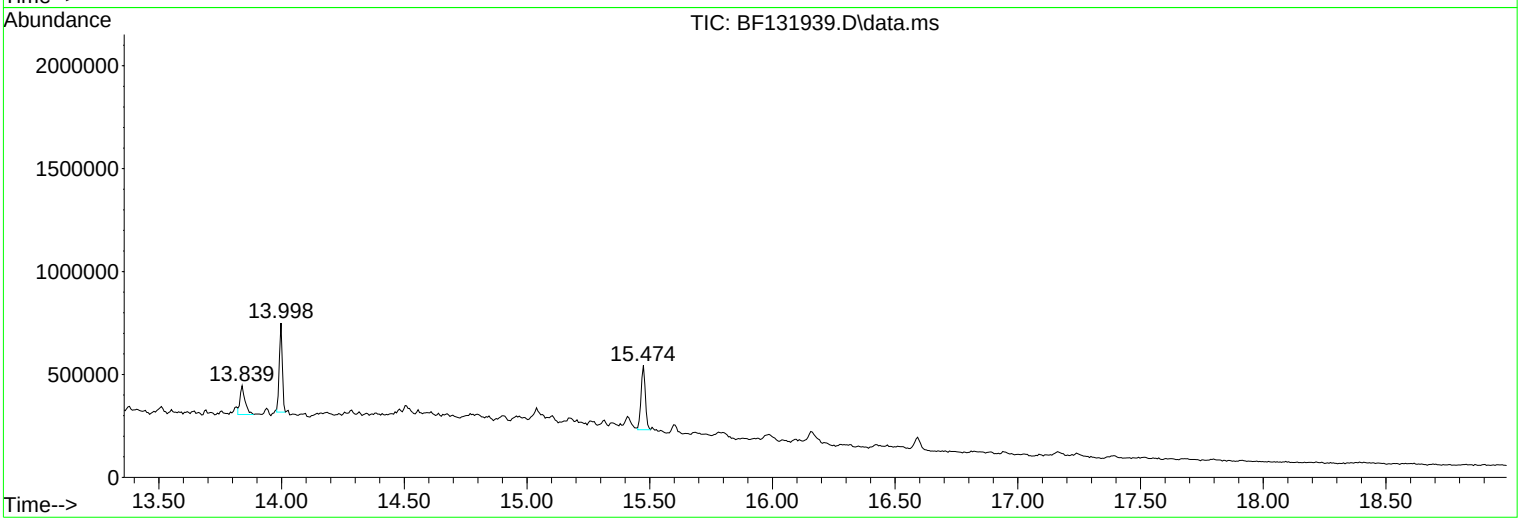
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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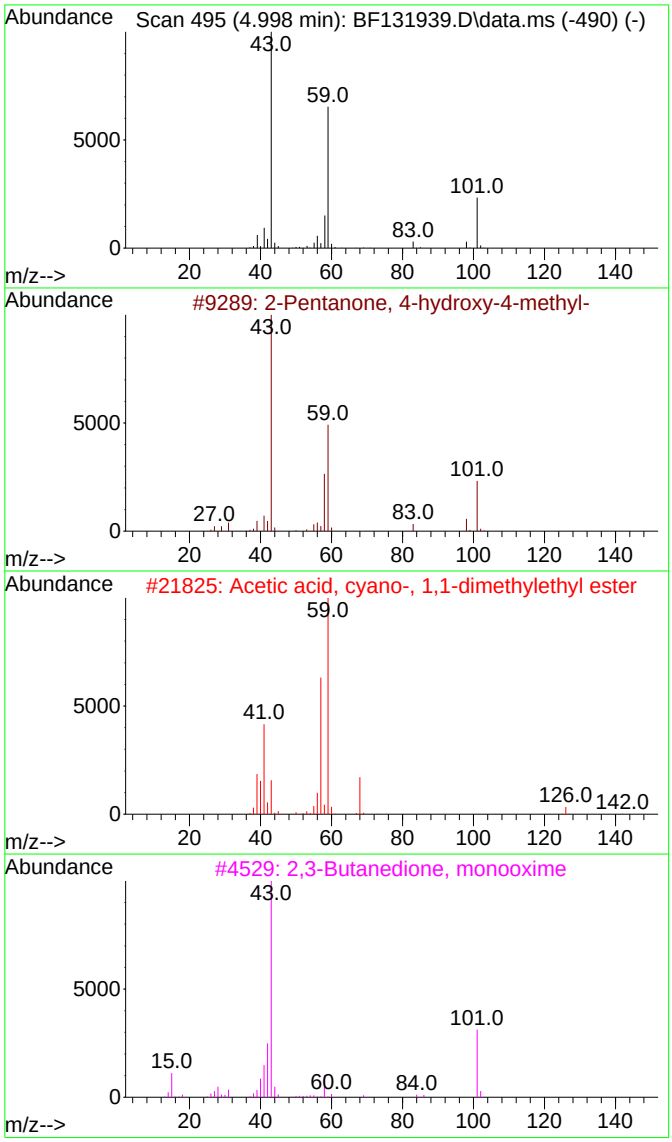
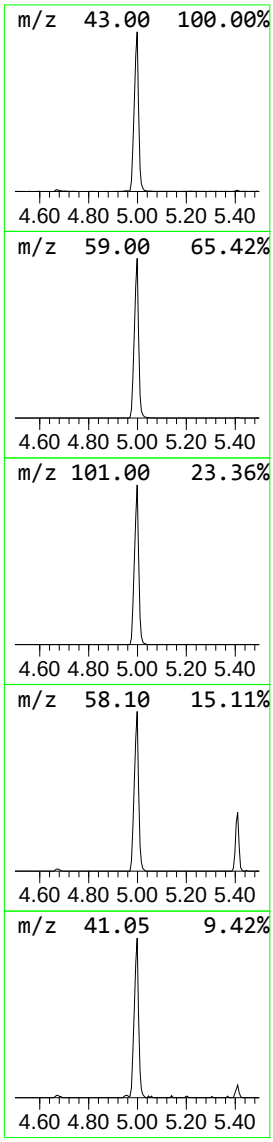
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	31.24 ng	628445	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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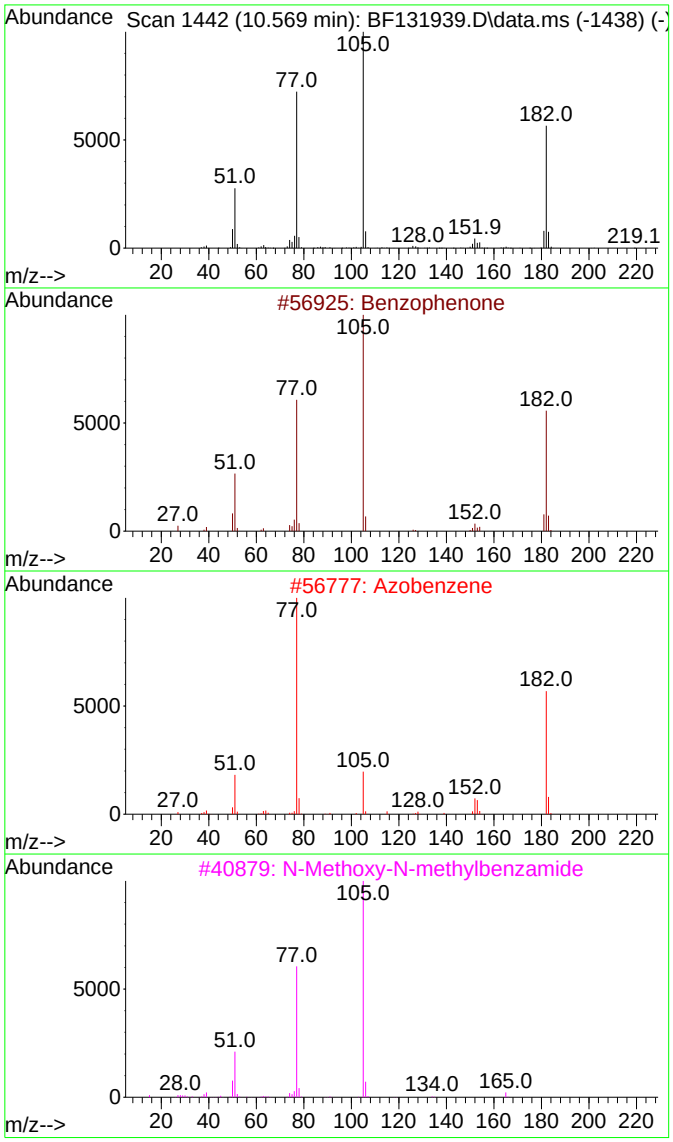
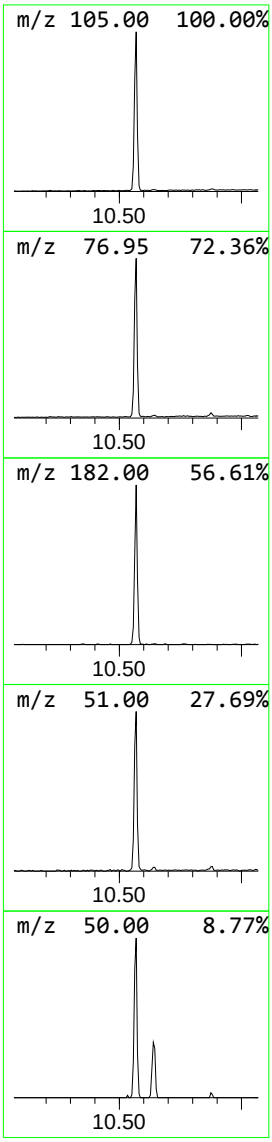
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	13.24 ng	339984	Acenaphthene-d10	9.845

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	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	53
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49





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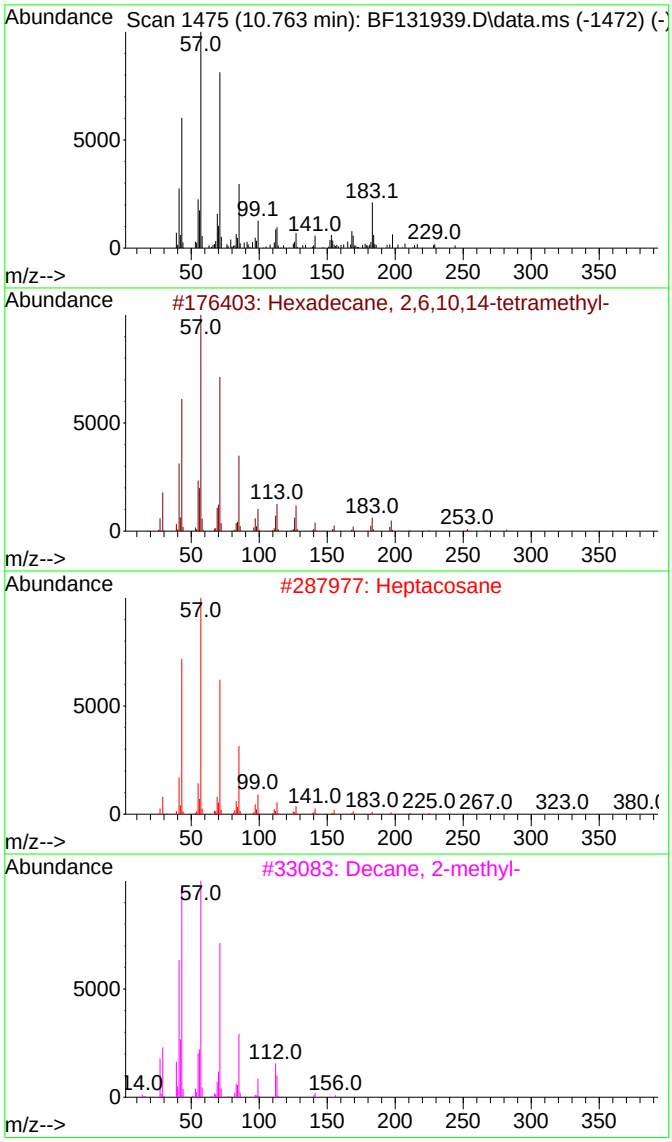
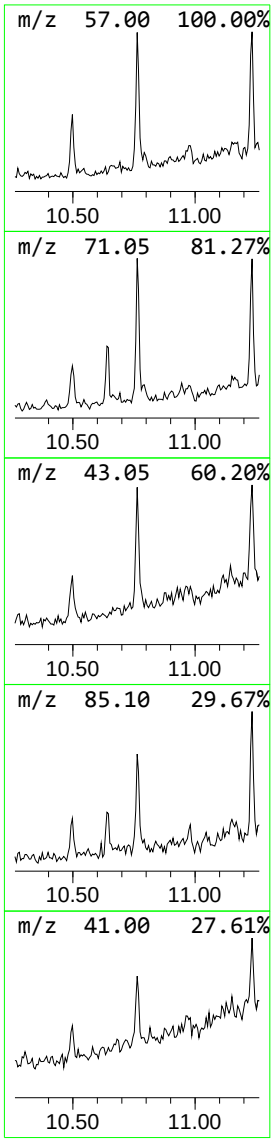
****
Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	3.85 ng	90729	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
2	Heptacosane	380	C27H56	000593-49-7	72
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58





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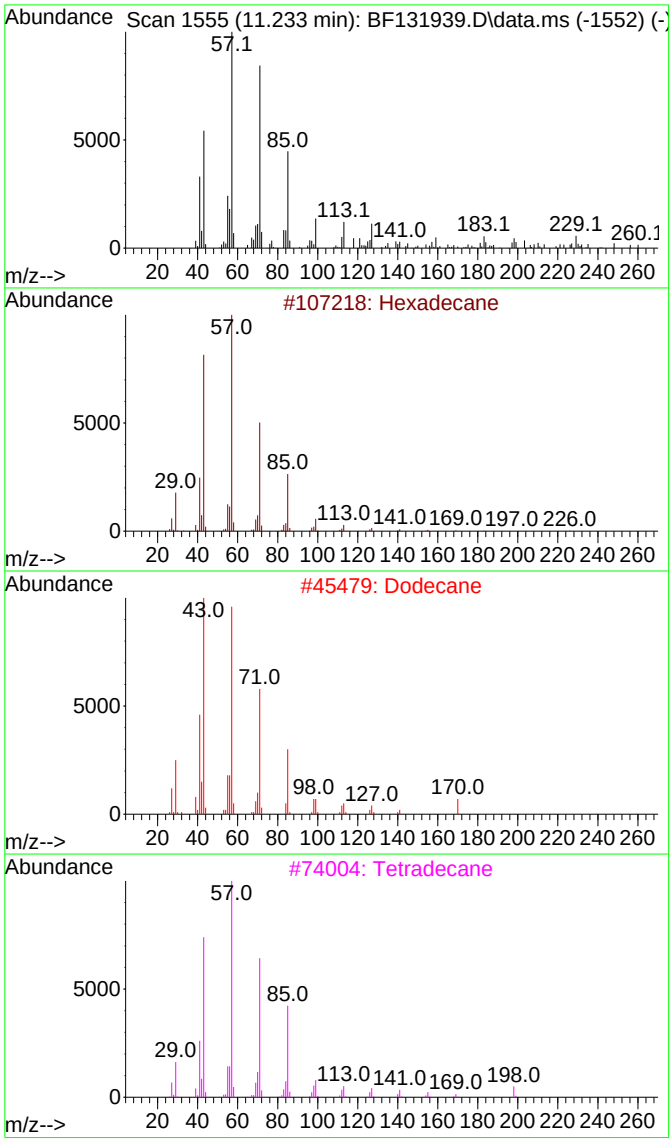
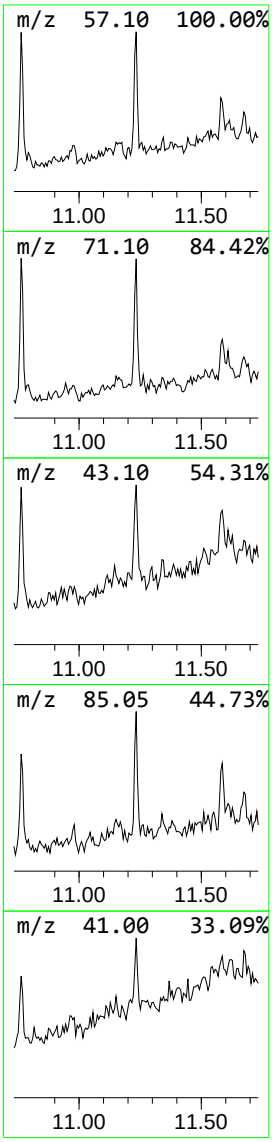
Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	2.90 ng	68365	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Dodecane	170	C12H26	000112-40-3	93
3	Tetradecane	198	C14H30	000629-59-4	90
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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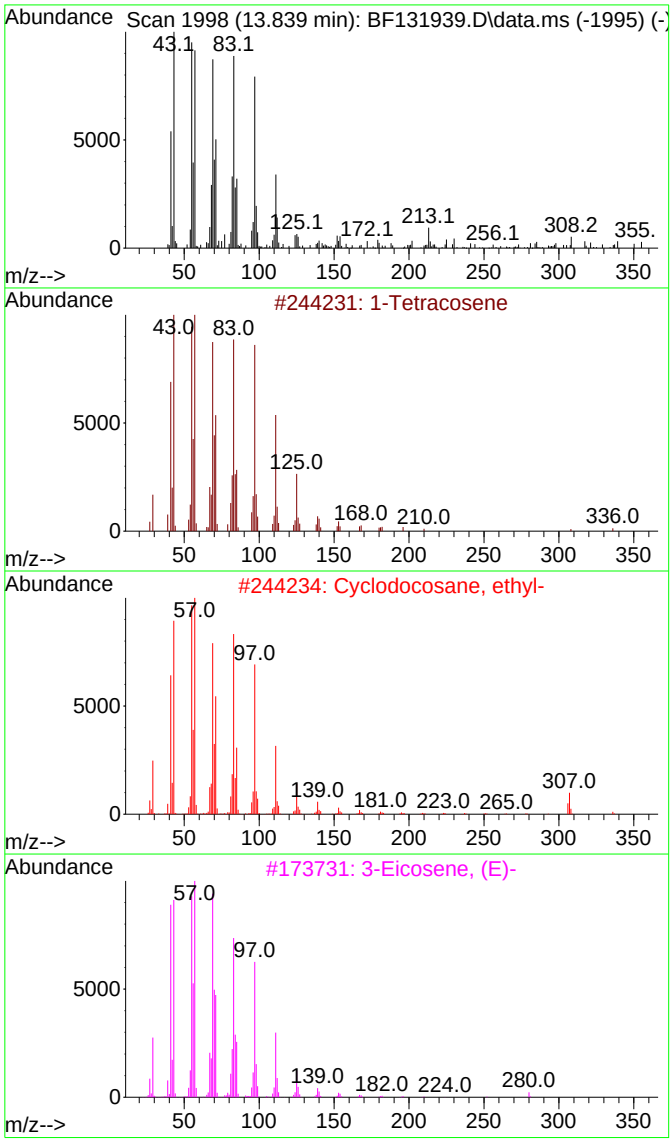
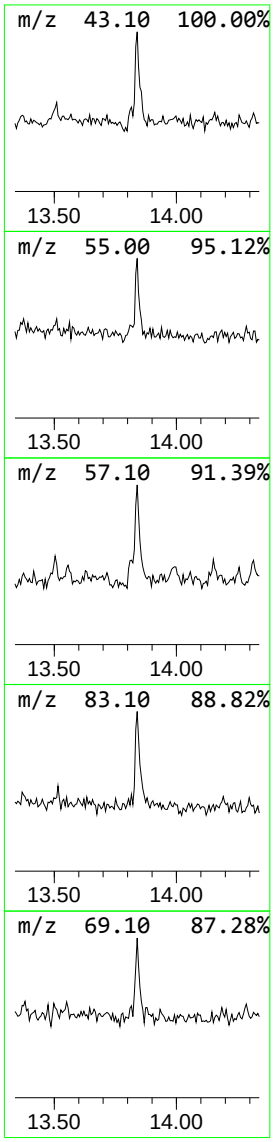
****

Peak Number 5 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	10.57 ng	195303	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	96
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.998	31.2	ng	628445	1	6.798	402369	20.0
Benzophenone	10.569	13.2	ng	339984	3	9.845	513697	20.0
Hexadecane, 2,6...	10.763	3.9	ng	90729	4	11.345	470821	20.0
Hexadecane	11.233	2.9	ng	68365	4	11.345	470821	20.0
1-Tetracosene	13.839	10.6	ng	195303	5	13.998	369433	20.0