LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131437.D
Acq On : 28 Nov 2022 19:21
Operator : CG\JU
Sample : N5752-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15D

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131437.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	19	27	34	rVB	586720	789863	35.47%	5.466%
2	2.358	42	46	50	rBV	37636	50878	2.28%	0.352%
3	2.634	77	93	99	rVB	86552	141074	6.33%	0.976%
4	5.175	520	525	532	rVB	439032	524824	23.57%	3.632%
5	5.563	585	591	594	rBV	1840791	1782140	80.03%	12.332%
6	5.963	654	659	663	rBV	31935	28570	1.28%	0.198%
7	6.569	757	762	765	rBV	1790267	1831507	82.24%	12.674%
8	6.951	823	827	830	rBV	600564	460660	20.69%	3.188%
9	7.516	918	923	926	rBV	1389674	1339123	60.13%	9.267%
10	8.239	1042	1046	1049	rBV	737457	558040	25.06%	3.862%
11	9.322	1225	1230	1233	rBV	2786257	2226917	100.00%	15.410%
12	10.004	1342	1346	1349	rVB	778258	586890	26.35%	4.061%
13	10.798	1476	1481	1484	rBV	1187365	1055219	47.38%	7.302%
14	11.498	1597	1600	1603	rBV	601029	516896	23.21%	3.577%
15	12.022	1686	1689	1694	rBV	185948	161998	7.27%	1.121%
16	12.275	1730	1732	1735	rVB	40114	30894	1.39%	0.214%
17	12.722	1806	1808	1811	rBV	30794	28171	1.27%	0.195%
18	13.098	1868	1872	1875	rBV	1945460	1621170	72.80%	11.219%
19	14.163	2049	2053	2056	rBV	463340	428424	19.24%	2.965%
20	15.704	2312	2315	2319	rVB2	240307	287510	12.91%	1.990%

Sum of corrected areas: 14450768

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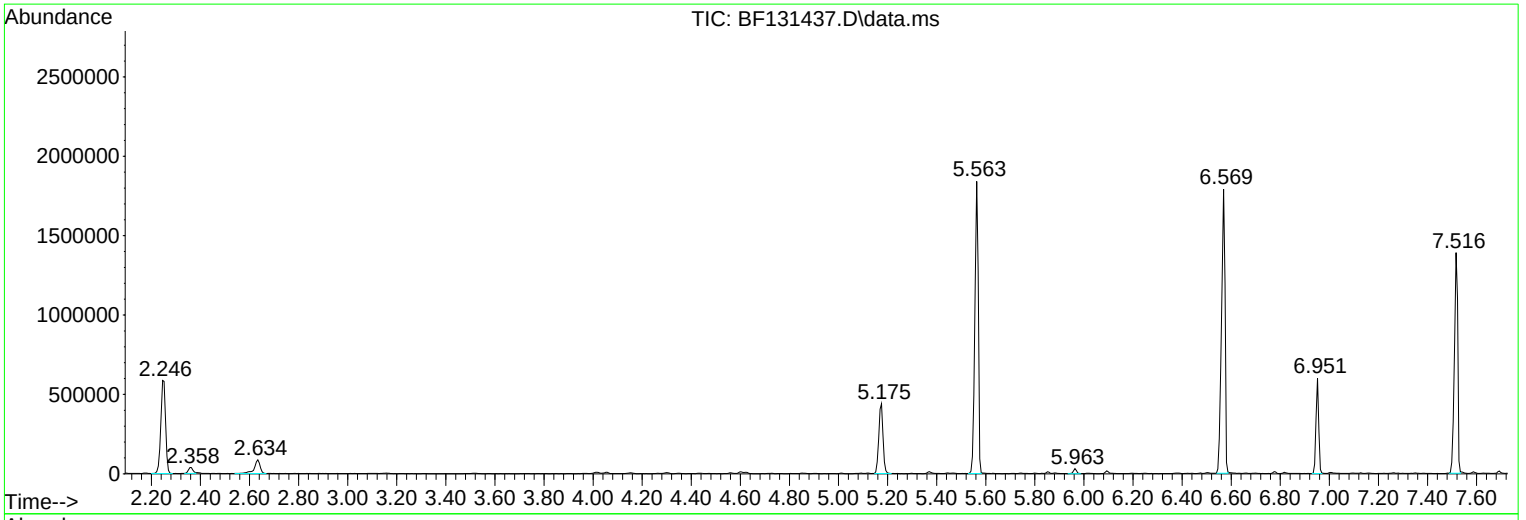
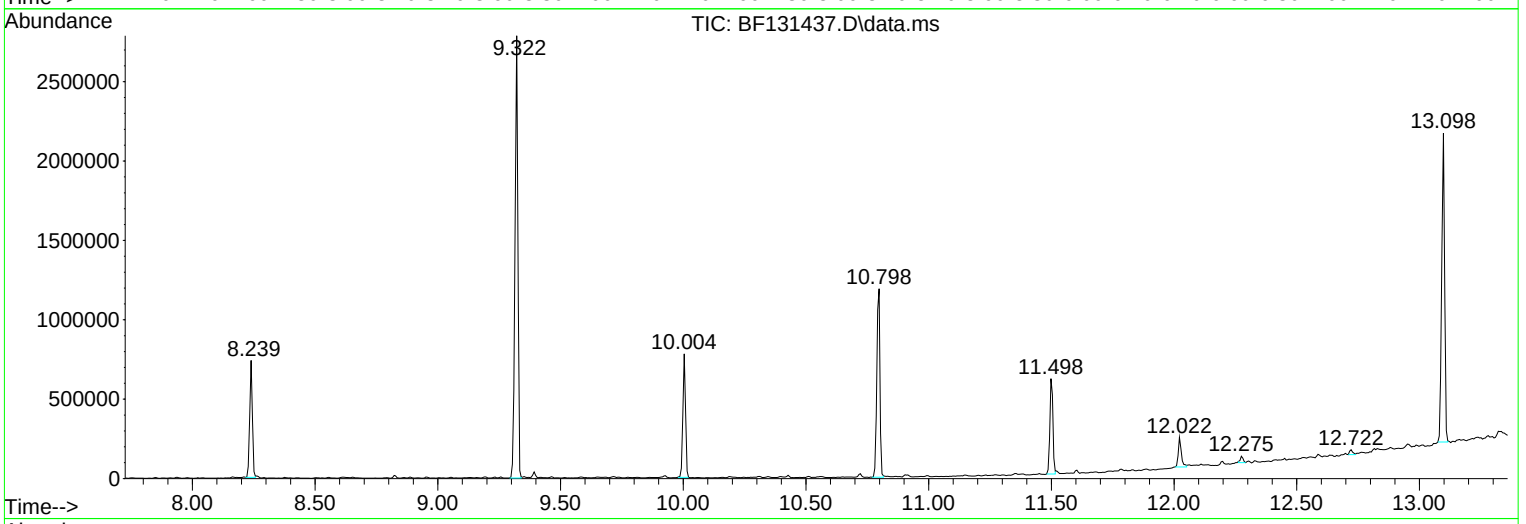
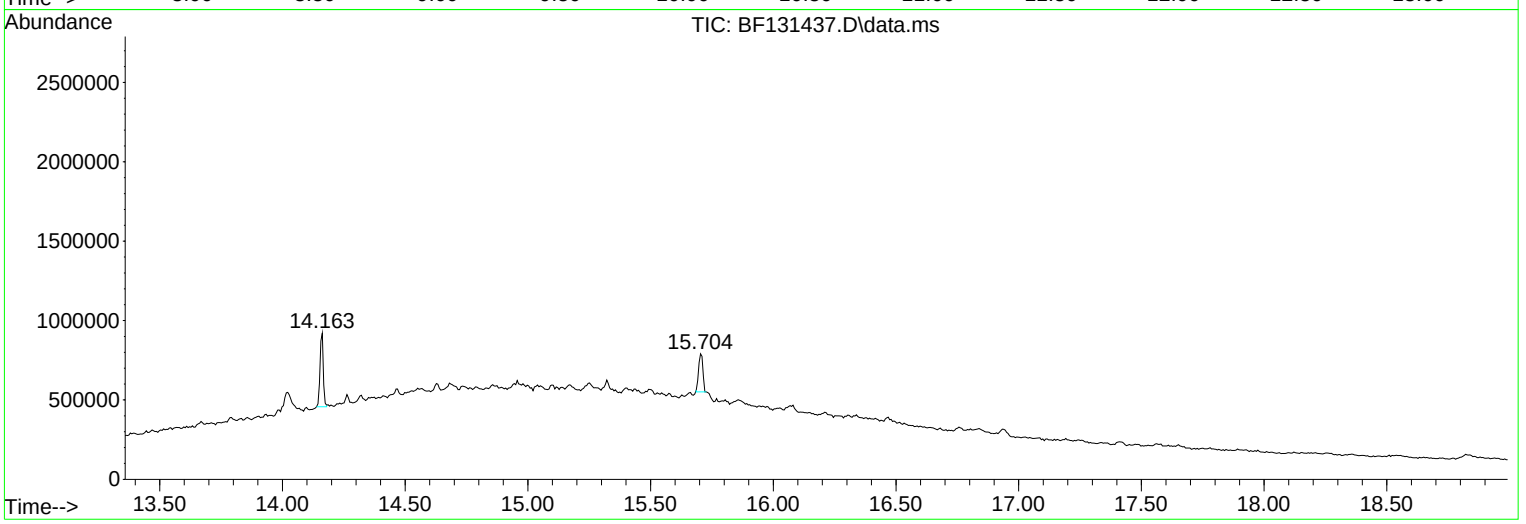
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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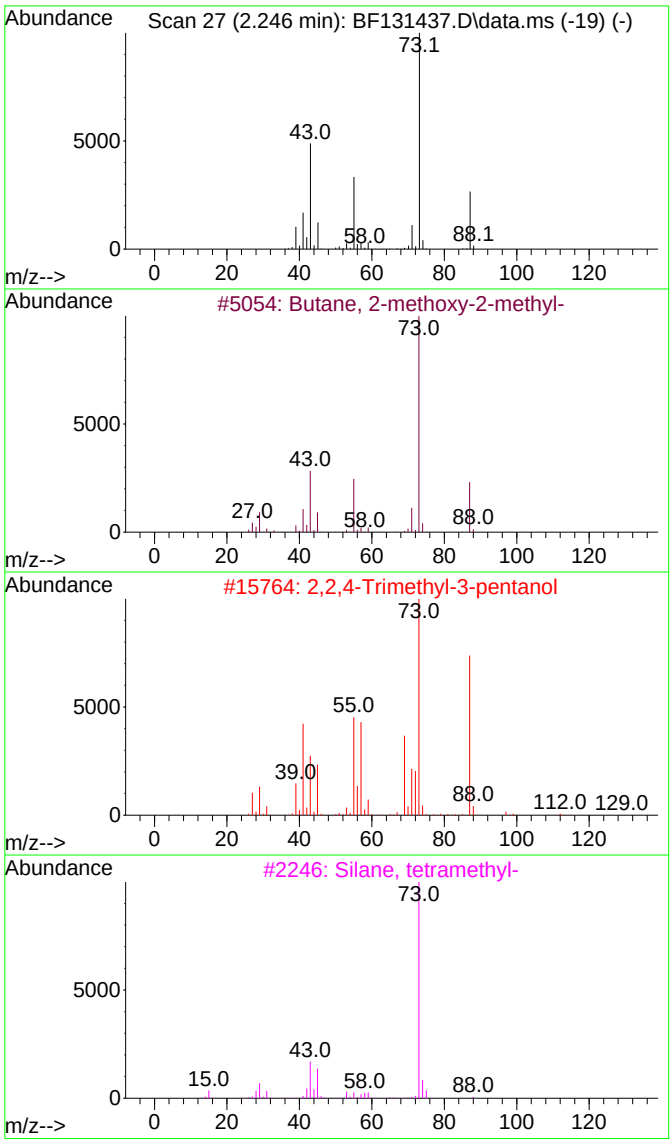
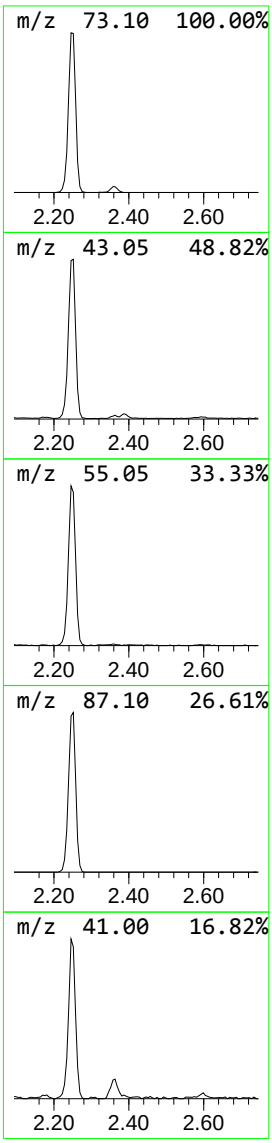
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	34.29 ng	789863	1,4-Dichlorobenzene-d4	6.951

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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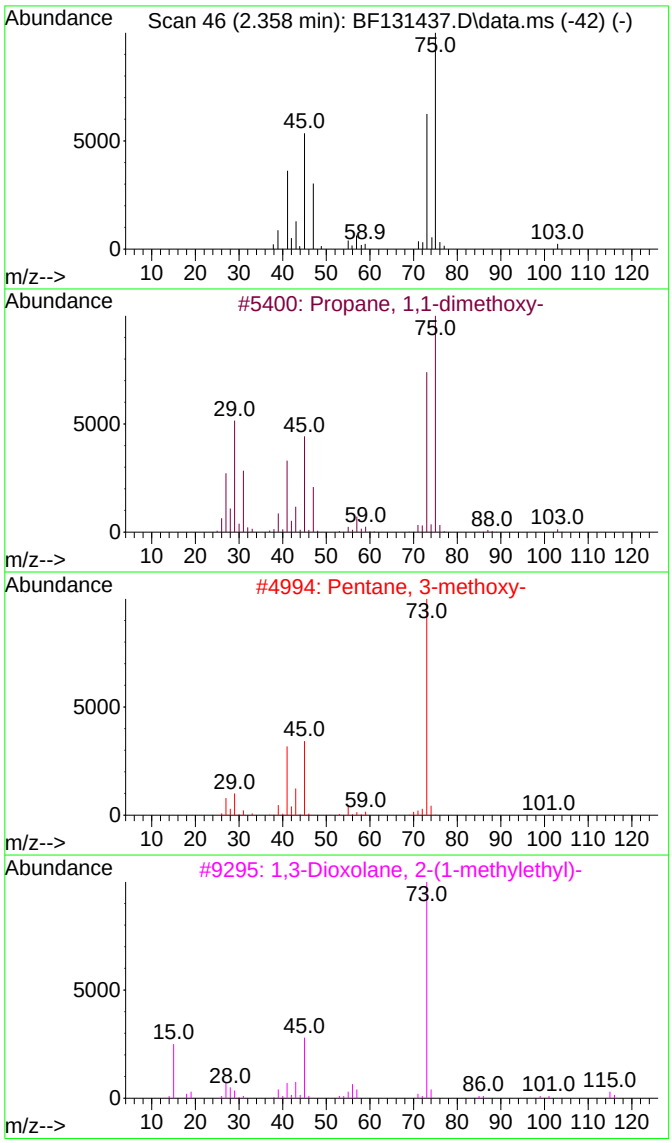
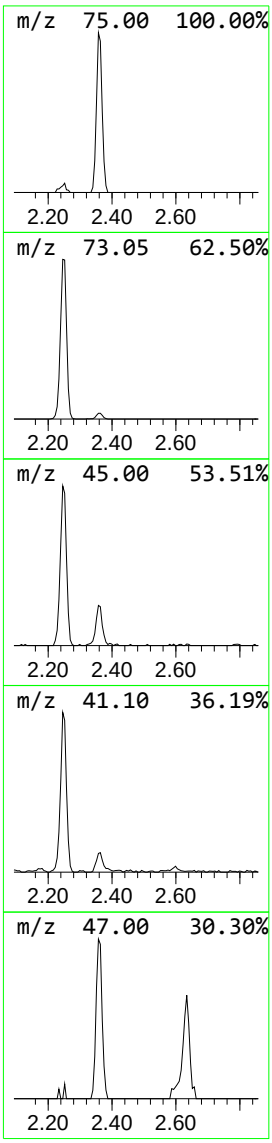
Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.358	2.21 ng	50878	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
4	1-Butanol, 4-methoxy-	104	C5H12O2	000111-32-0	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9





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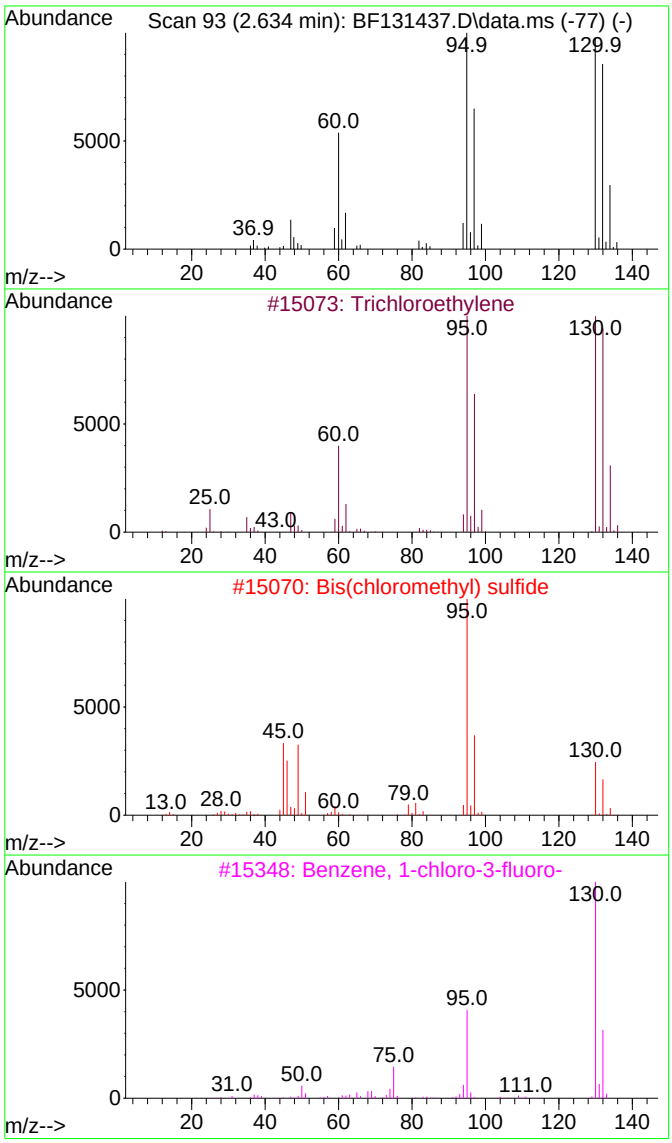
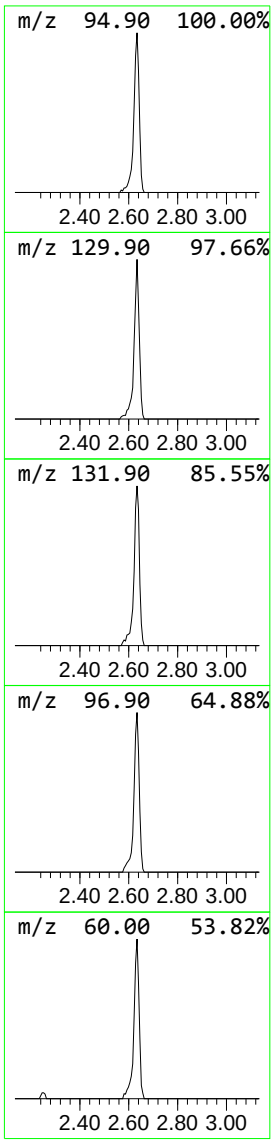
Peak Number 3 Trichloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.634	6.12 ng	141074	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	97
2	Bis(chloromethyl) sulfide	130	C2H4Cl2S	003592-44-7	58
3	Benzene, 1-chloro-3-fluoro-	130	C6H4ClF	000625-98-9	35
4	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22
5	Oxirane, (trichloromethyl)-	160	C3H3Cl3O	003083-23-6	16





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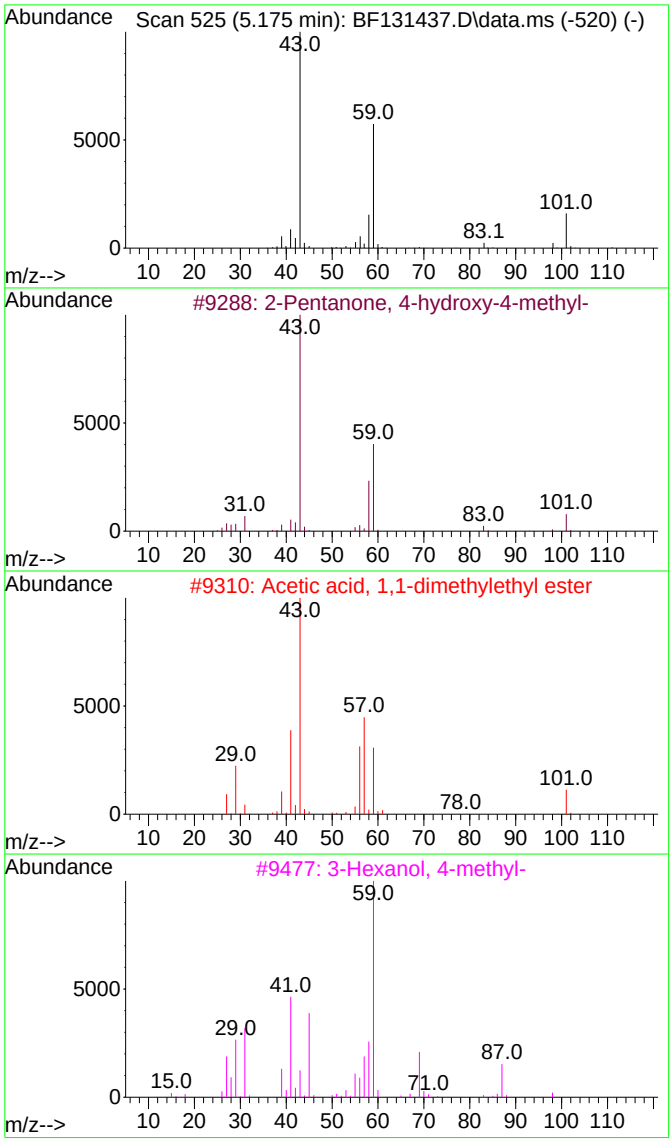
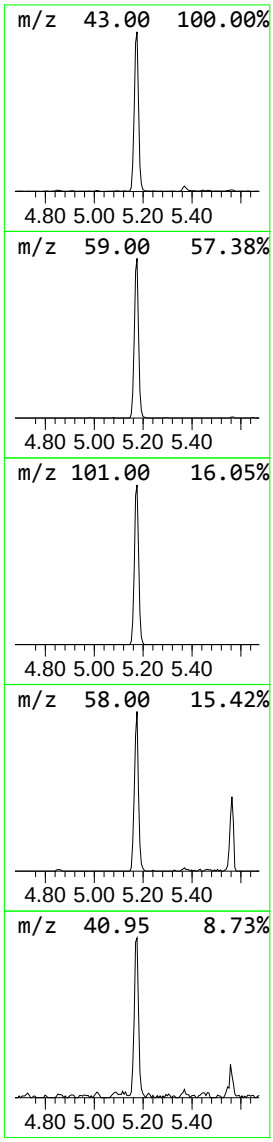
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	22.79 ng	524824	1,4-Dichlorobenzene-d4	6.951

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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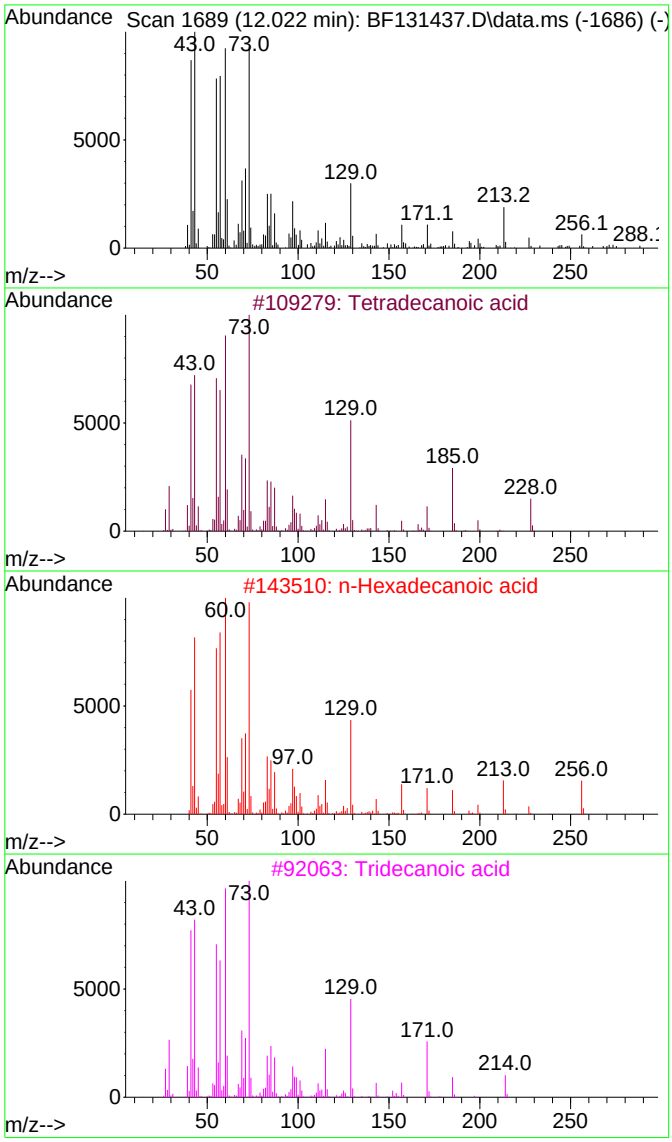
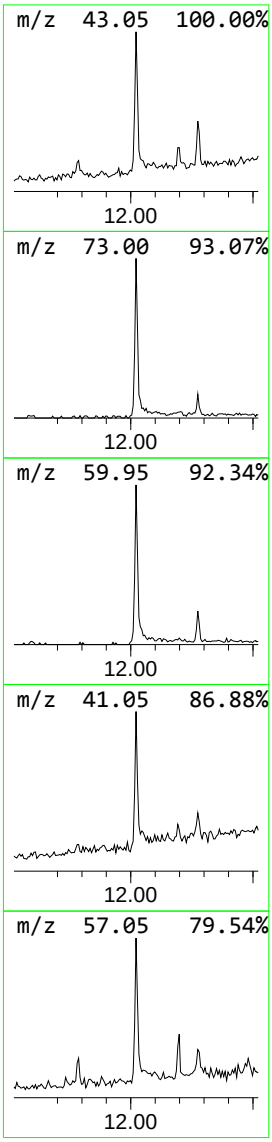
Peak Number 5 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	6.27 ng	161998	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Nonanoic acid	158	C9H18O2	000112-05-0	60





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...	2.246	34.3	ng	789863	1	6.951	460660	20.0
Propane, 1,1-di...	2.358	2.2	ng	50878	1	6.951	460660	20.0
Trichloroethylene	2.634	6.1	ng	141074	1	6.951	460660	20.0
2-Pentanone, 4-...	5.175	22.8	ng	524824	1	6.951	460660	20.0
Tetradecanoic acid	12.022	6.3	ng	161998	4	11.498	516896	20.0