LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119310.D
Acq On : 10 Mar 2020 4:19
Operator : CG/JU
Sample : L1836-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-212-VNJ-221

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	553	556	575	rBV	460947	719579	10.00%	4.058%
2	6.398	730	733	757	rBV	354492	743156	10.33%	4.191%
3	6.722	785	788	799	rBV	593085	541716	7.53%	3.055%
4	6.881	811	815	823	rBV	762672	688140	9.57%	3.881%
5	7.287	881	884	895	rBV	373585	455414	6.33%	2.568%
6	8.004	1003	1006	1016	rBV	721927	668630	9.30%	3.771%
7	9.081	1185	1189	1199	rBV	1080149	993827	13.82%	5.605%
8	9.480	1252	1257	1265	rBV	74715	85635	1.19%	0.483%
9	9.757	1300	1304	1309	rBV	862151	754619	10.49%	4.256%
10	10.551	1436	1439	1449	rBV	556508	573440	7.97%	3.234%
11	11.245	1553	1557	1559	rBV	839242	749035	10.41%	4.224%
12	11.269	1559	1561	1565	rVB	140507	122154	1.70%	0.689%
13	11.774	1644	1647	1653	rBV3	140755	146694	2.04%	0.827%
14	12.457	1760	1763	1767	rBV	352833	311194	4.33%	1.755%
15	12.557	1777	1780	1786	rBV3	68018	92178	1.28%	0.520%
16	12.686	1796	1802	1806	rBV	326637	338773	4.71%	1.911%
17	12.721	1806	1808	1815	rVB3	40433	78160	1.09%	0.441%
18	12.821	1821	1825	1829	rBV	1323710	1119611	15.57%	6.314%
19	13.251	1895	1898	1901	rBV2	94223	102436	1.42%	0.578%
20	13.286	1902	1904	1910	rVB2	66033	85573	1.19%	0.483%
21	13.863	1997	2002	2005	rBV	6013276	7193023	100.00%	40.566%
22	13.886	2005	2006	2009	rVB	776007	443850	6.17%	2.503%
23	14.010	2024	2027	2028	rBV	80852	86329	1.20%	0.487%
24	14.910	2178	2180	2183	rBV	107856	125455	1.74%	0.708%
25	15.315	2245	2249	2254	rVB	421005	513193	7.13%	2.894%

Sum of corrected areas: 17731814

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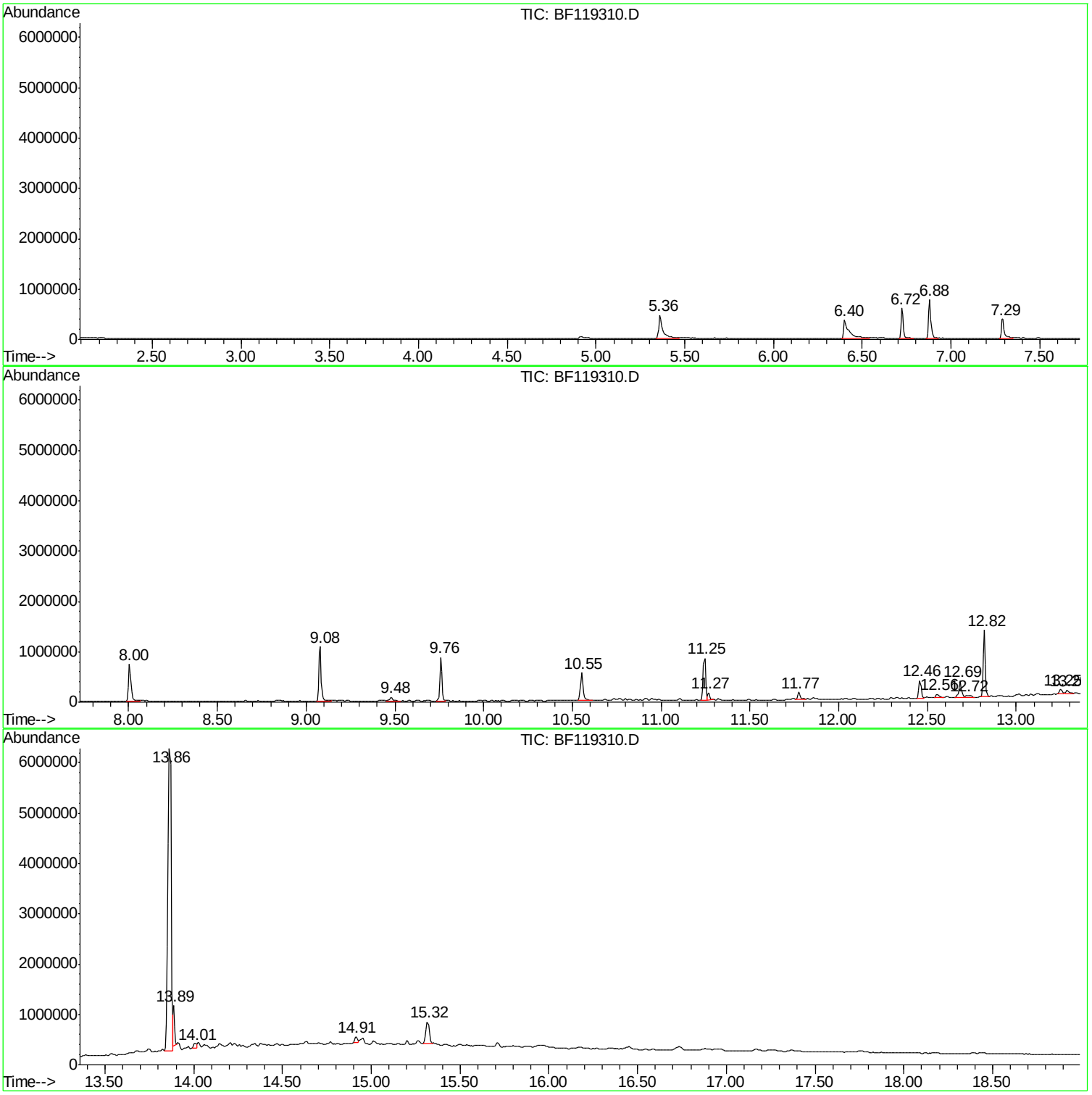
BNA_F
ClientSampleId :
VNJ-212-VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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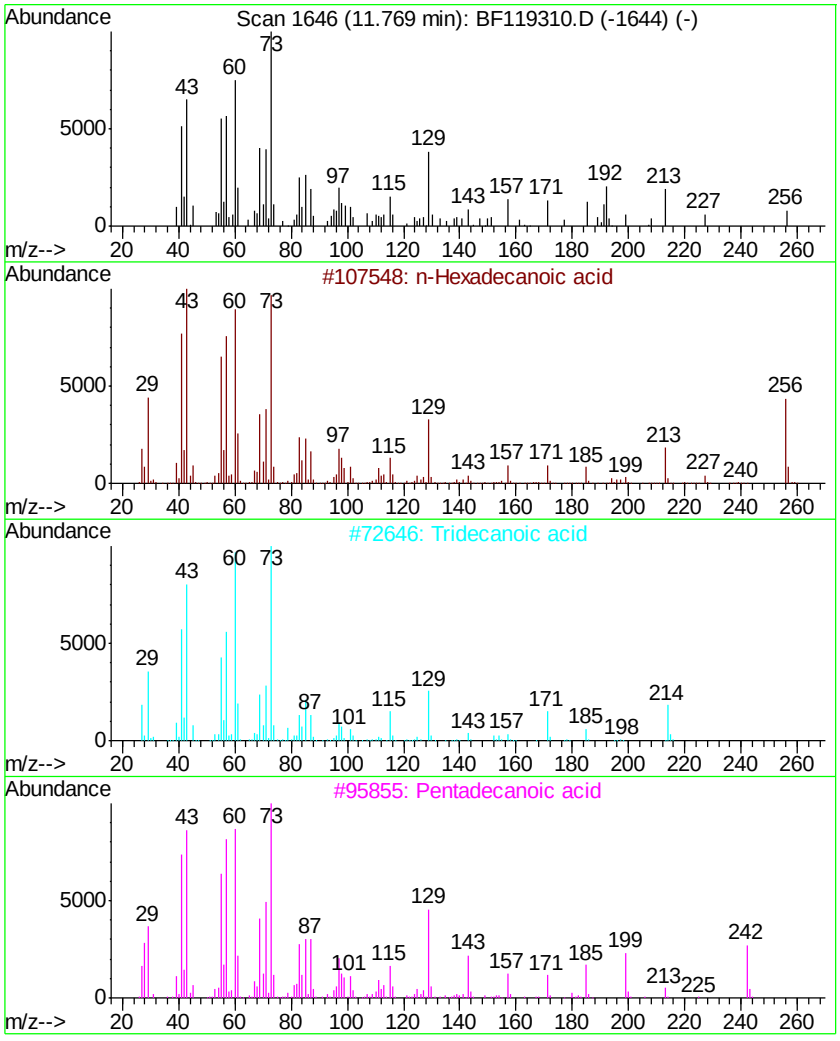
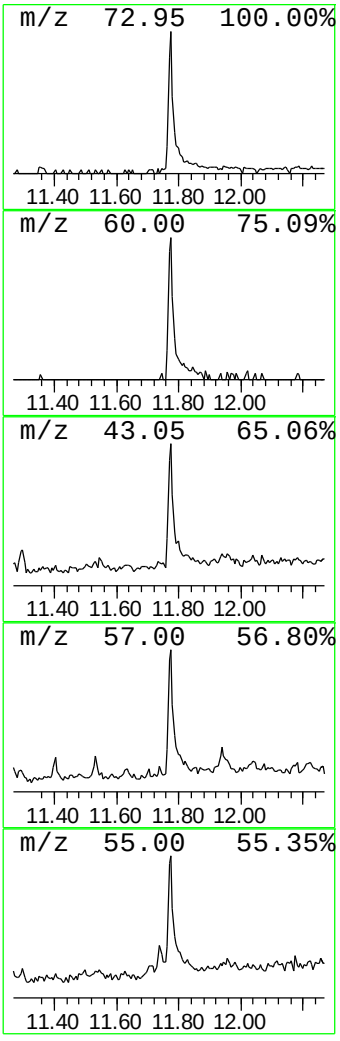
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.92 ng	146694	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	55
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : VNJ-212-VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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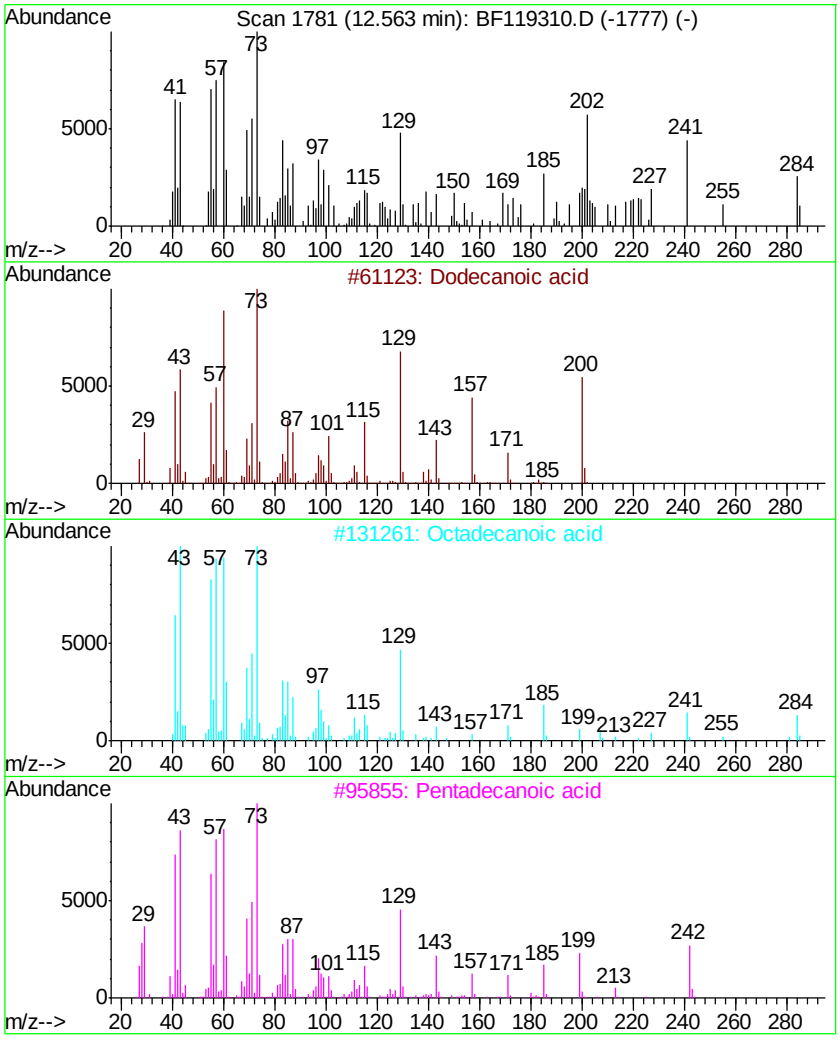
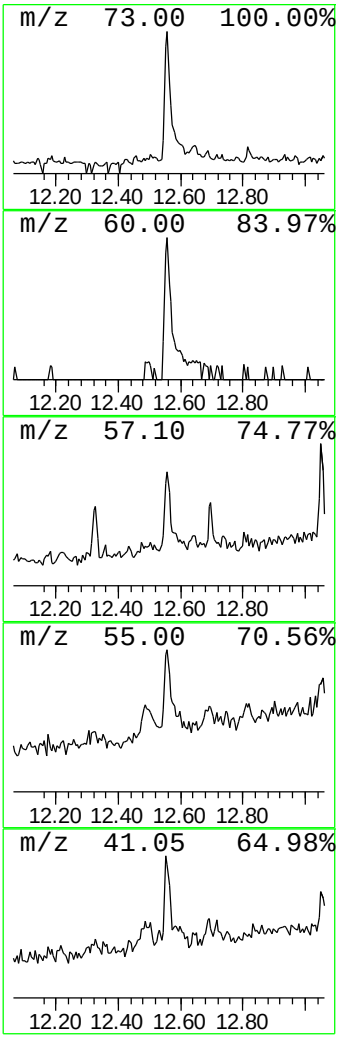
Peak Number 3 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.46 ng	92178	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	70
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





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Misc :
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Instrument : BNA_F
ClientSampleId : VNJ-212-VNJ-221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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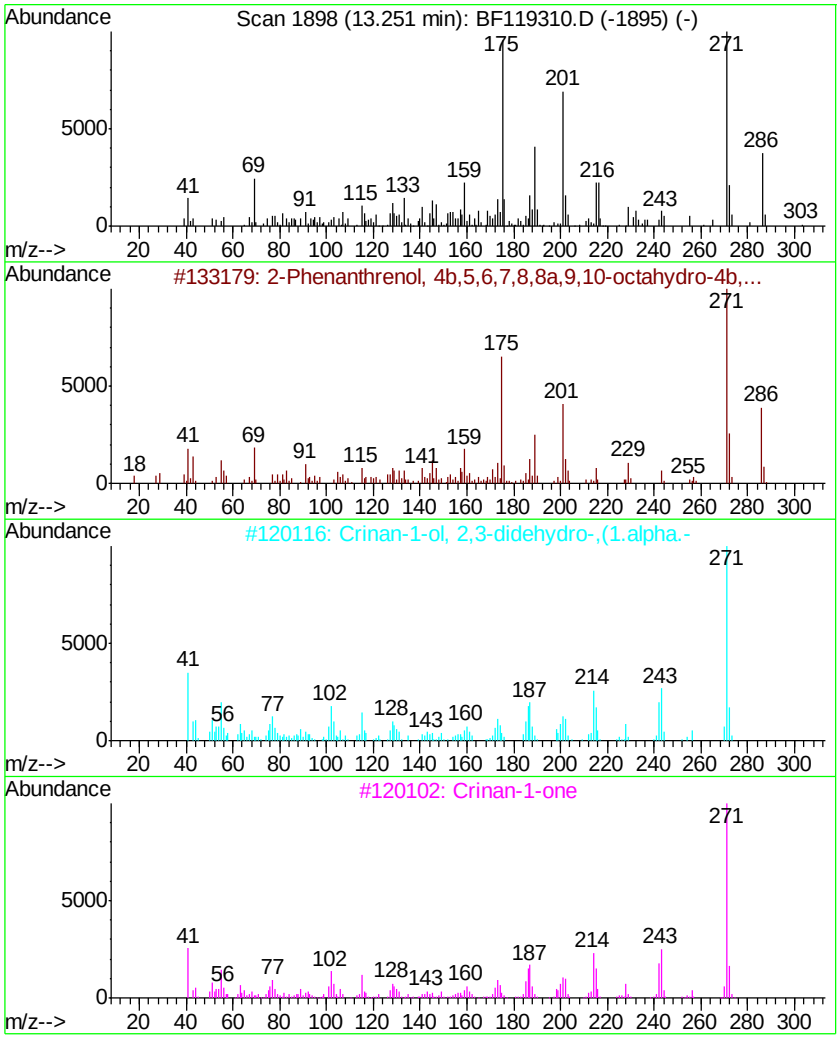
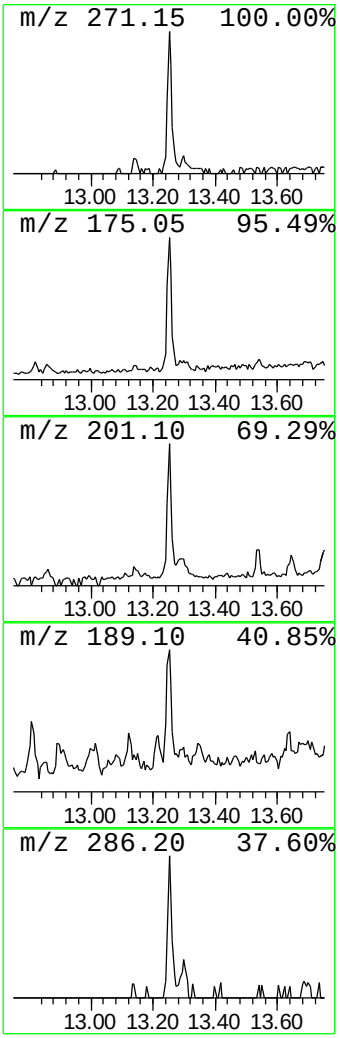
Peak Number 4 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.62 ng	102436	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	70
2	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	42
3	Crinan-1-one	271	C16H17NO3	098301-98-5	30
4	Silane, dimethyl(2-chloro-5-meth...	286	C14H23ClO2Si	1000347-54-6	27
5	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	25





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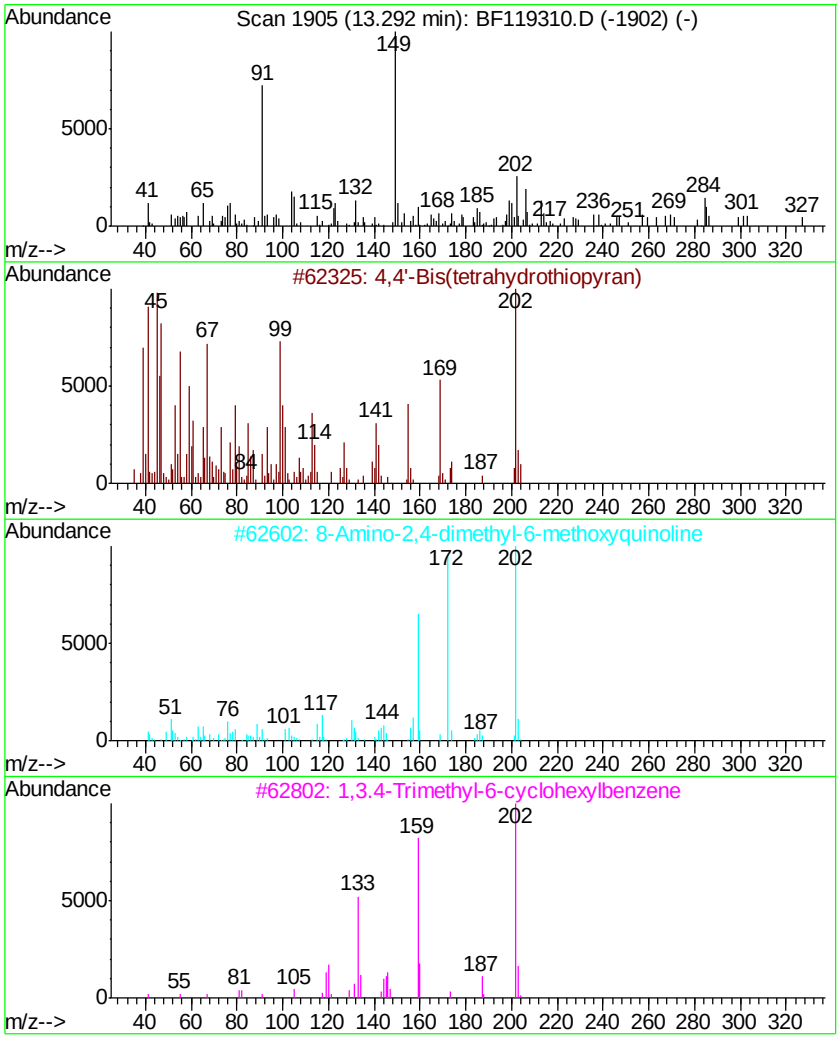
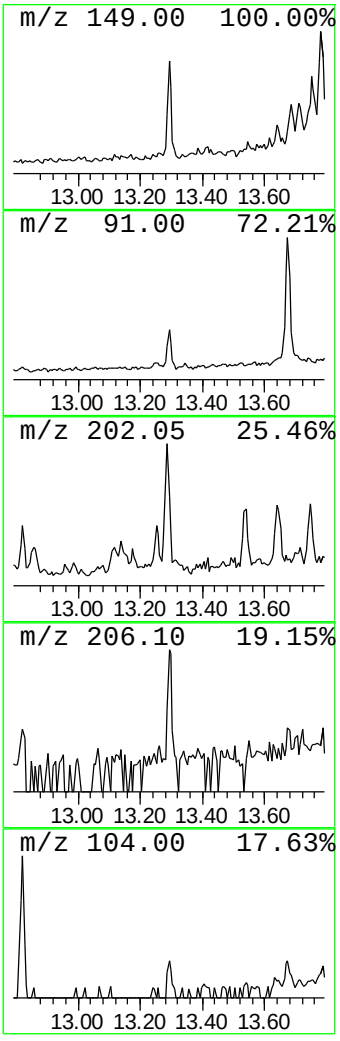
Peak Number 5 unknown13.29 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.86 ng	85573	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	15
2	8-Amino-2,4-dimethyl-6-methoxyqu...	202	C12H14N2O	054232-18-7	14
3	1,3,4-Trimethyl-6-cyclohexylbenzene	202	C15H22	032406-17-0	14
4	4-Hydroxyamino-6-phenylpyrimidin...	202	C10H10N4O	1000111-25-2	11
5	2-Methoxyethylsemithiocarbazide	149	C4H11N3OS	006926-54-1	11





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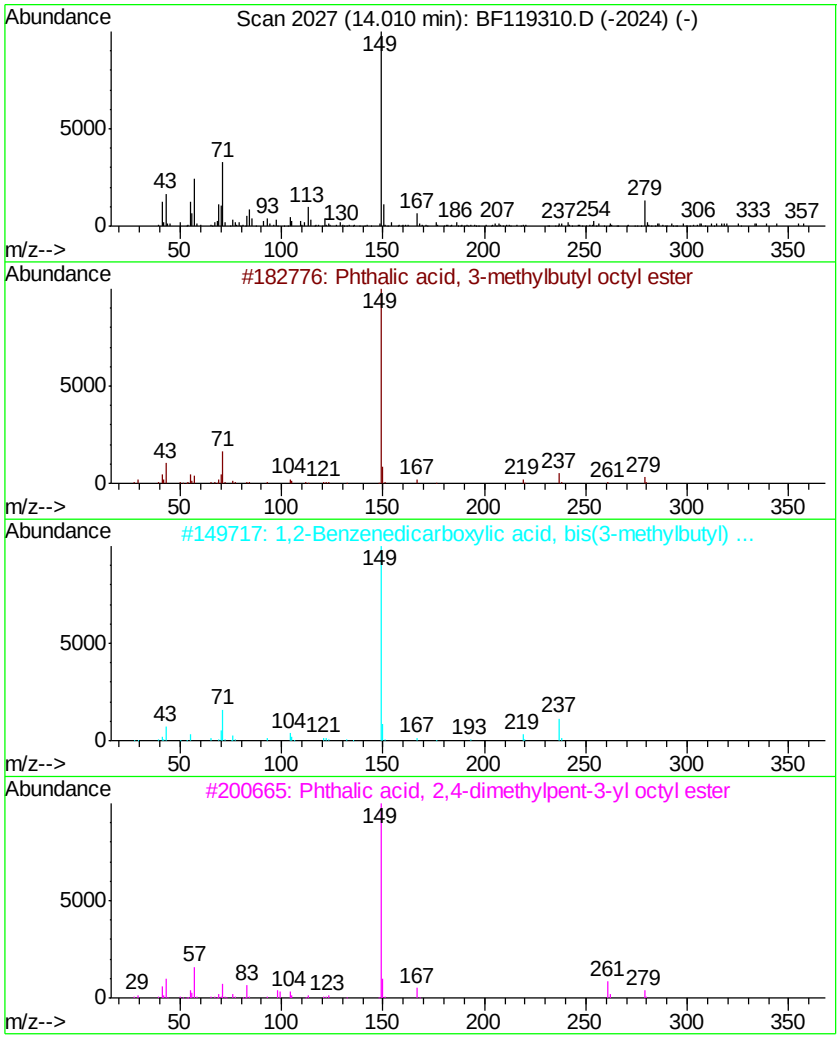
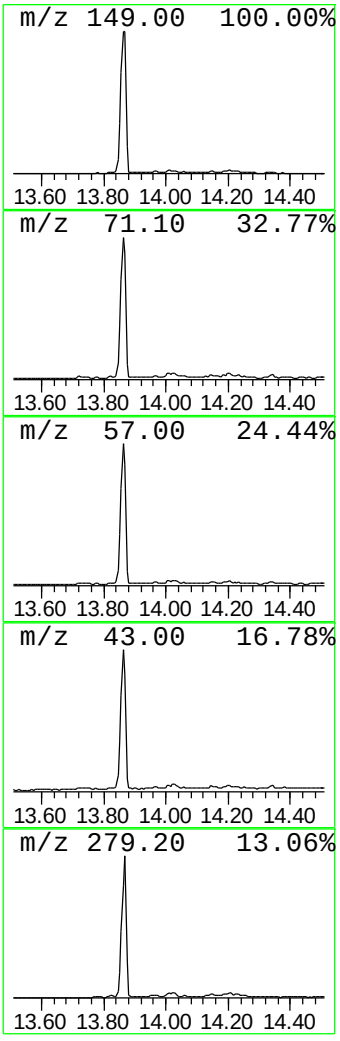
Peak Number 6 Phthalic acid, 3-methylbuty... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.89 ng	86329	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbutyl oct...	348	C21H32O4	1000356-80-9	64
2	1,2-Benzenedicarboxylic acid, bi...	306	C18H26O4	000605-50-5	59
3	Phthalic acid, 2,4-dimethylpent-...	376	C23H36O4	1000356-84-7	53
4	Phthalic acid, dodecyl 4-methylh...	446	C28H46O4	1000377-94-7	53
5	Phthalic acid, decyl 3,3-dimethy...	390	C24H38O4	1000357-00-9	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.77	3.9	ng	146694	4	11.25	749035	20.0
Dodecanoic acid	12.56	2.5	ng	92178	4	11.25	749035	20.0
2-Phenanthrenol, ...	13.25	4.6	ng	102436	5	13.89	443850	20.0
unknown13.29	13.29	3.9	ng	85573	5	13.89	443850	20.0
Phthalic acid, 3-...	14.01	3.9	ng	86329	5	13.89	443850	20.0