LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122946.D
Acq On : 8 Jan 2021 18:01
Operator : JU/CG
Sample : M1044-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122946.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	20	25	34	rVB	547159	763466	14.65%	2.112%
2	2.346	40	44	49	rVB2	69246	95593	1.83%	0.264%
3	5.146	512	520	527	rVB	345156	434402	8.34%	1.202%
4	5.534	581	586	589	rBV	4304591	4378324	84.03%	12.110%
5	6.534	750	756	760	rBV	4122237	4575865	87.82%	12.656%
6	6.734	788	790	796	rVB	73354	58467	1.12%	0.162%
7	6.916	817	821	824	rBV	1470013	1106808	21.24%	3.061%
8	7.475	911	916	919	rBV	2999643	2791534	53.57%	7.721%
9	8.198	1035	1039	1042	rBV	1776582	1438896	27.61%	3.980%
10	9.281	1217	1223	1226	rBV	5357835	5210600	100.00%	14.412%
11	9.663	1285	1288	1292	rBV	227405	200725	3.85%	0.555%
12	9.957	1334	1338	1342	rVB	1901062	1606135	30.82%	4.442%
13	10.745	1467	1472	1475	rBV	3523895	3108077	59.65%	8.597%
14	11.451	1587	1592	1595	rBV	1743002	1555046	29.84%	4.301%
15	11.969	1674	1680	1684	rBV2	92109	108384	2.08%	0.300%
16	12.439	1756	1760	1762	rBV	123879	110113	2.11%	0.305%
17	12.663	1795	1798	1801	rBV	64646	56037	1.08%	0.155%
18	12.892	1832	1837	1840	rBV	63467	62779	1.20%	0.174%
19	13.045	1858	1863	1866	rBV	4964153	4813010	92.37%	13.312%
20	13.939	2012	2015	2022	rBV	431075	412604	7.92%	1.141%
21	14.098	2037	2042	2045	rBV	1430189	1290202	24.76%	3.569%
22	15.239	2234	2236	2247	rVB3	61364	97580	1.87%	0.270%
23	15.586	2290	2295	2300	rBV	1124574	1411060	27.08%	3.903%
24	15.633	2300	2303	2309	rVB	67443	93892	1.80%	0.260%
25	16.092	2377	2381	2385	rVV	65353	93904	1.80%	0.260%
26	16.133	2385	2388	2399	rVB3	67058	139527	2.68%	0.386%
27	16.621	2466	2471	2480	rBV3	66363	141273	2.71%	0.391%

Sum of corrected areas: 36154303

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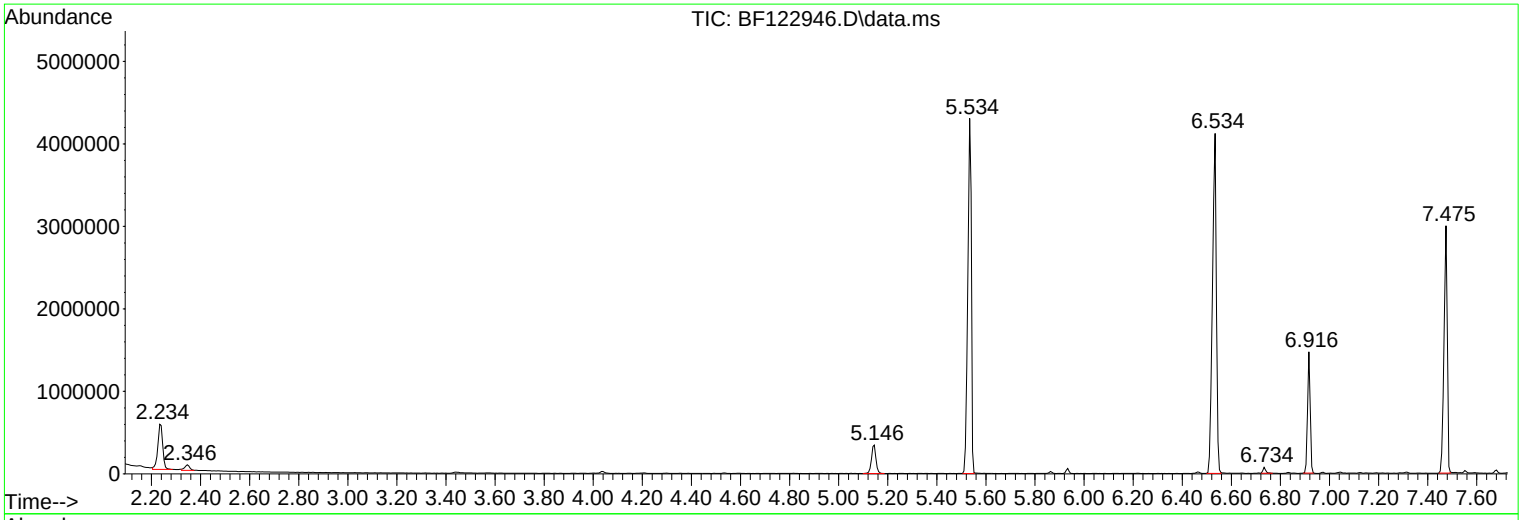
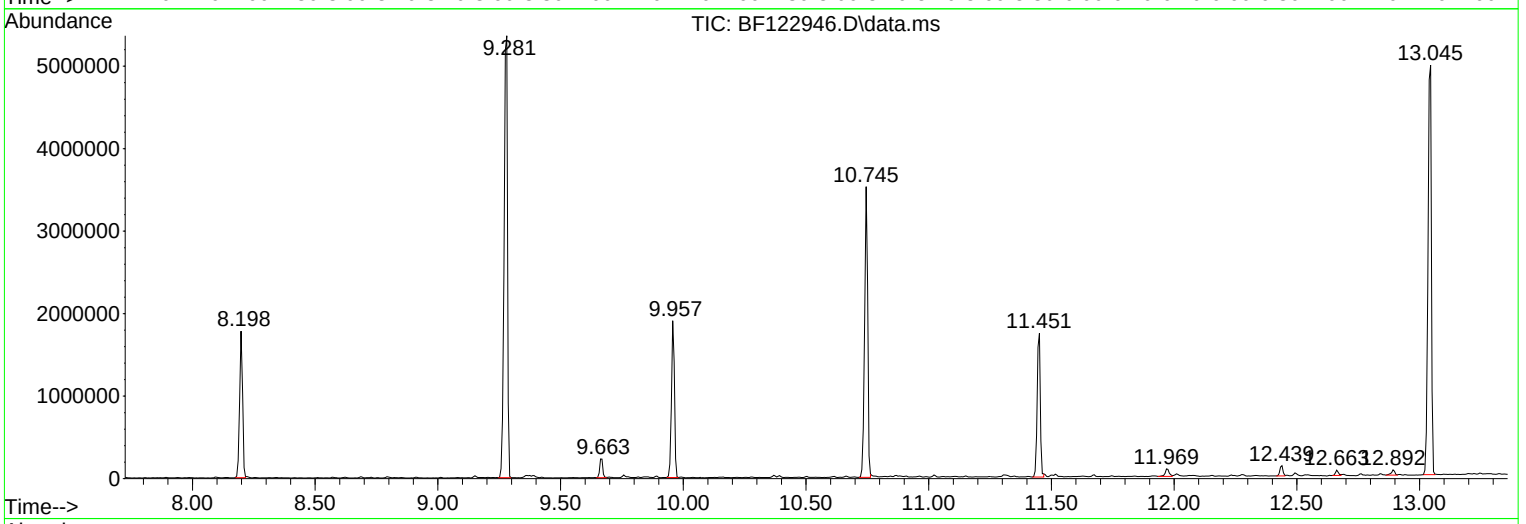
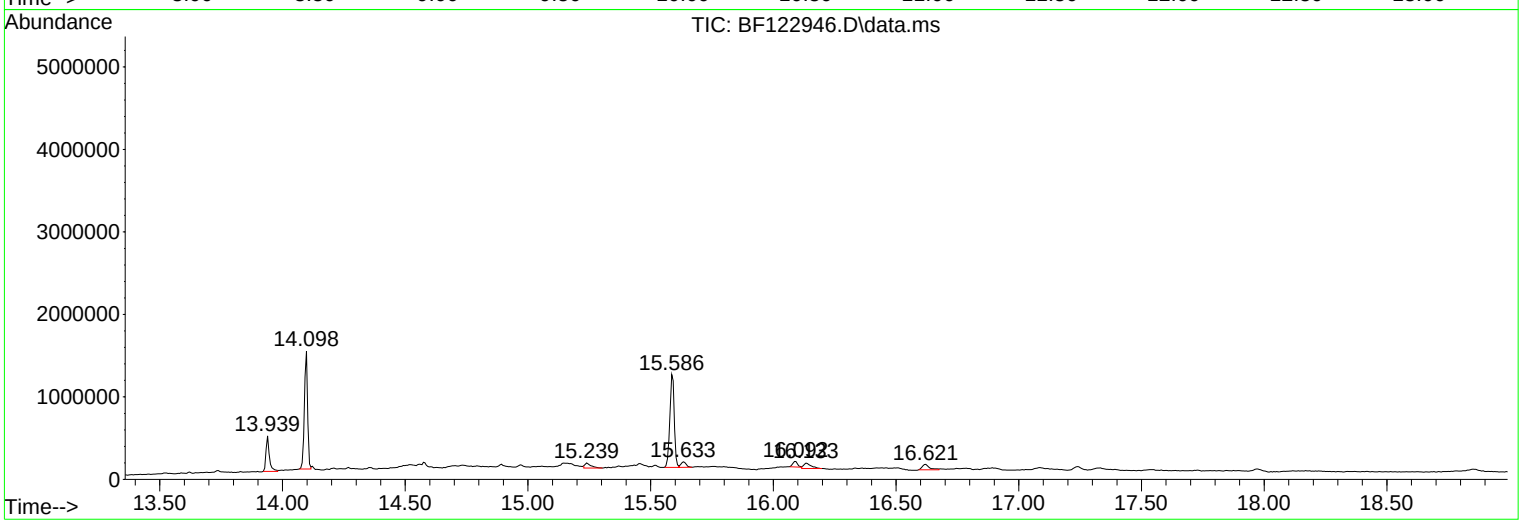
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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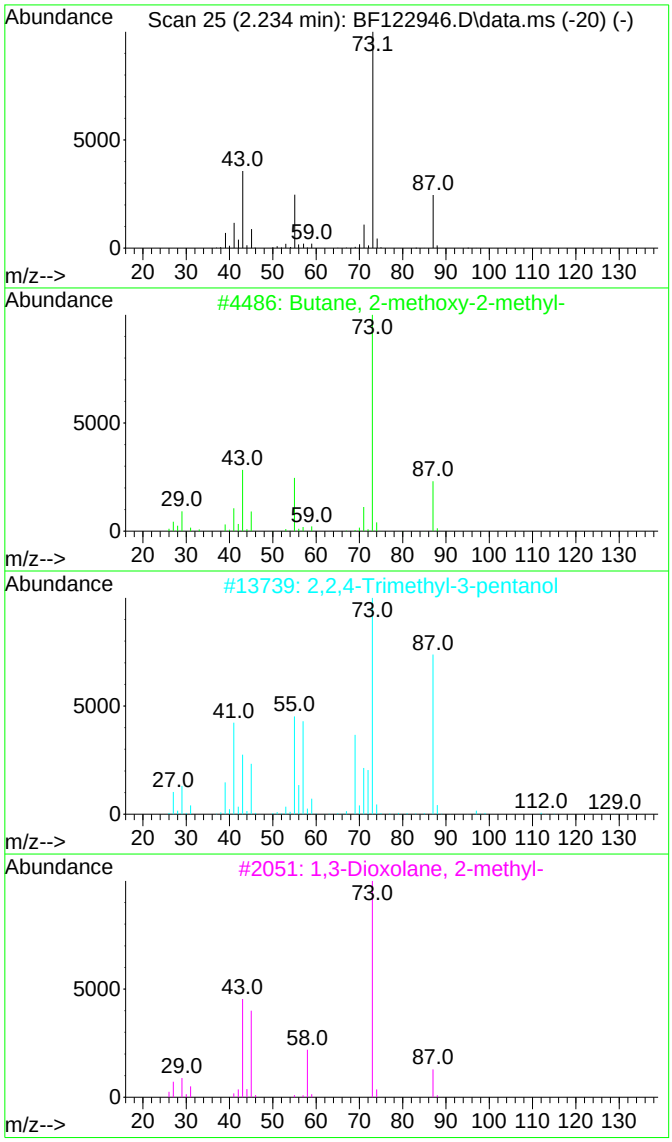
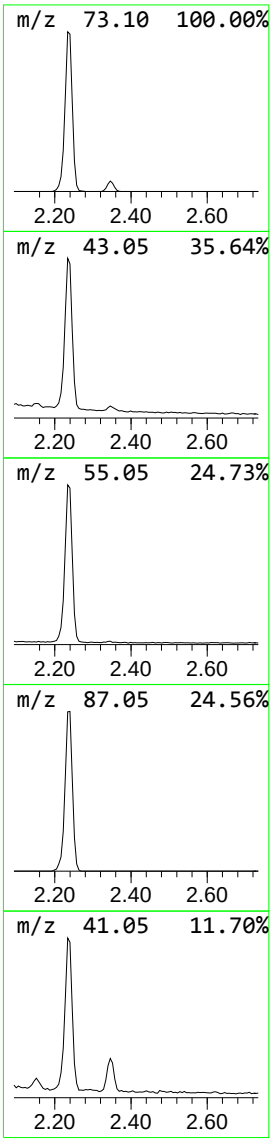
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.234	13.80 ng	763466	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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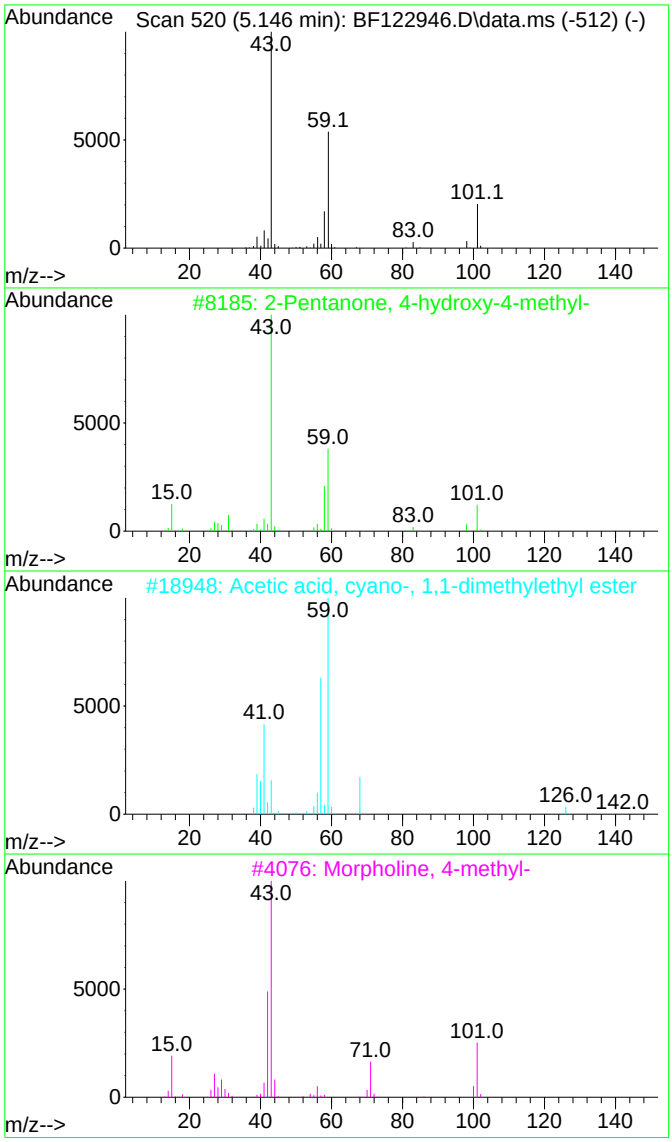
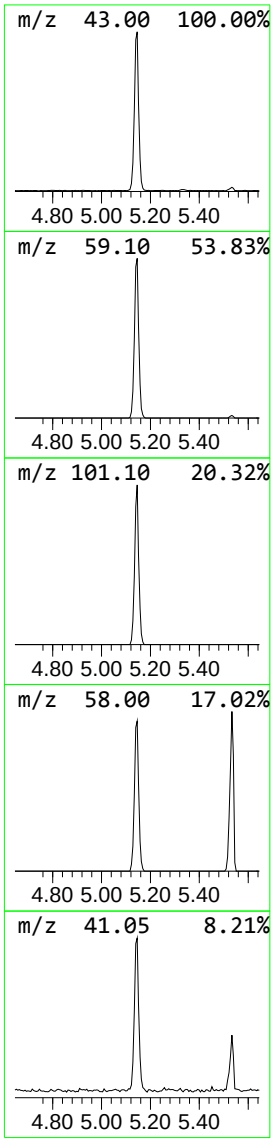
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.146	7.85 ng	434402	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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BNA_F
ClientSampleId :
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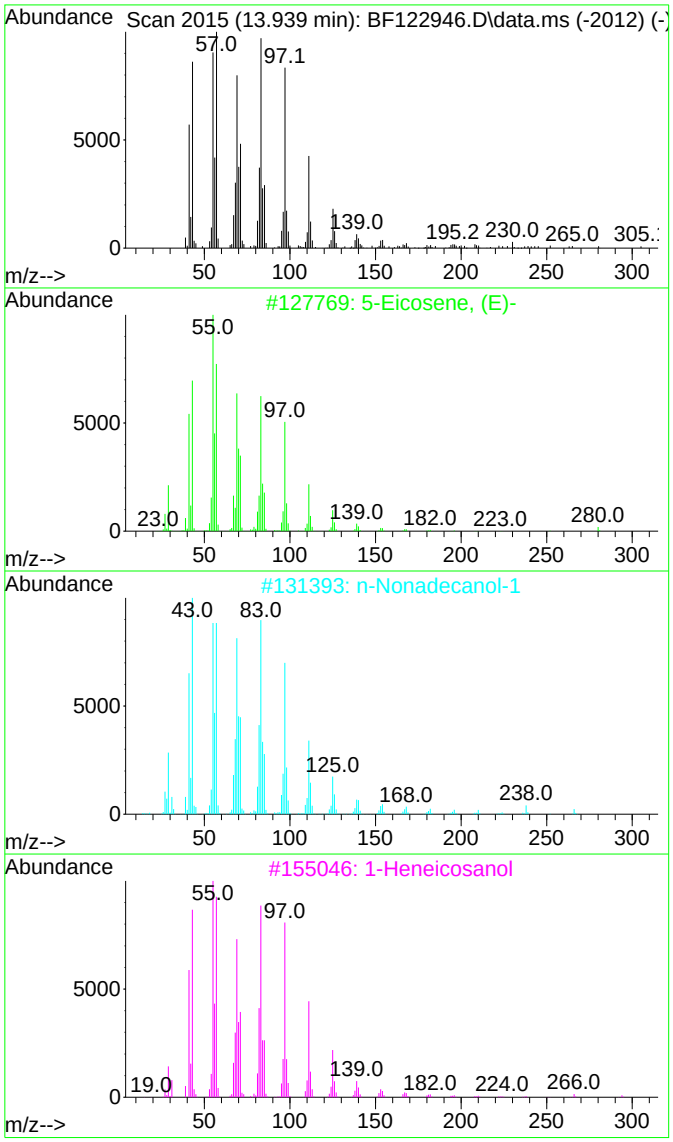
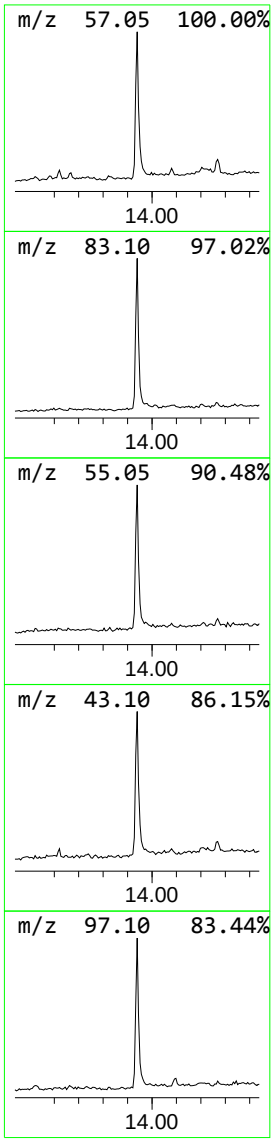
Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	6.40 ng	412604	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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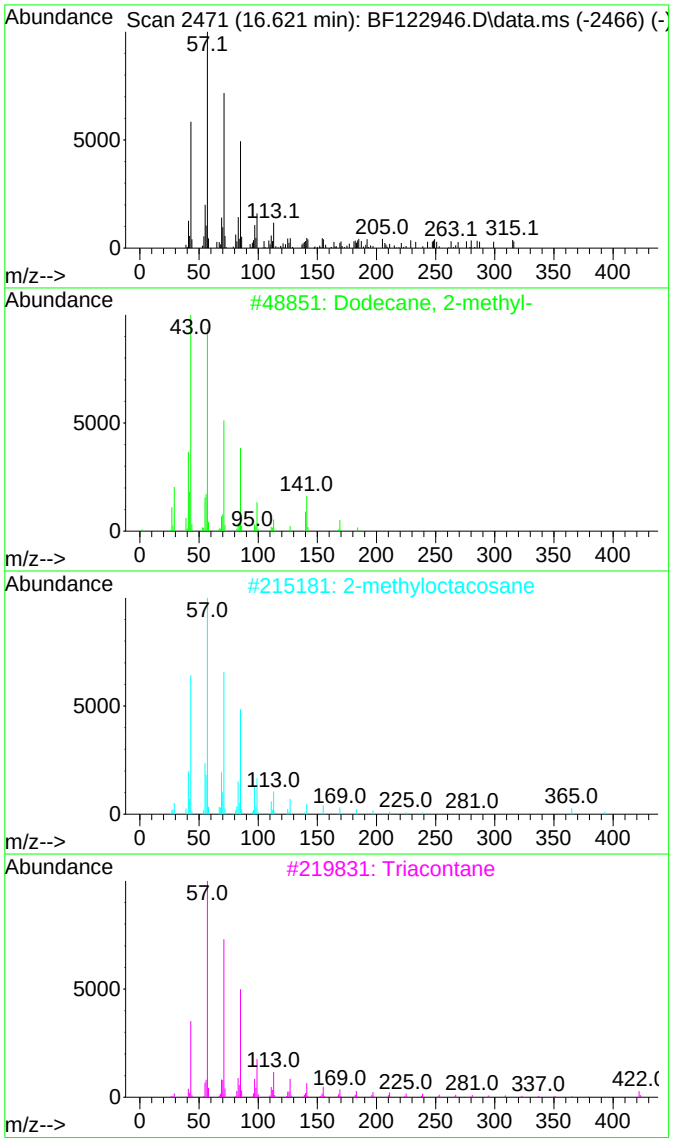
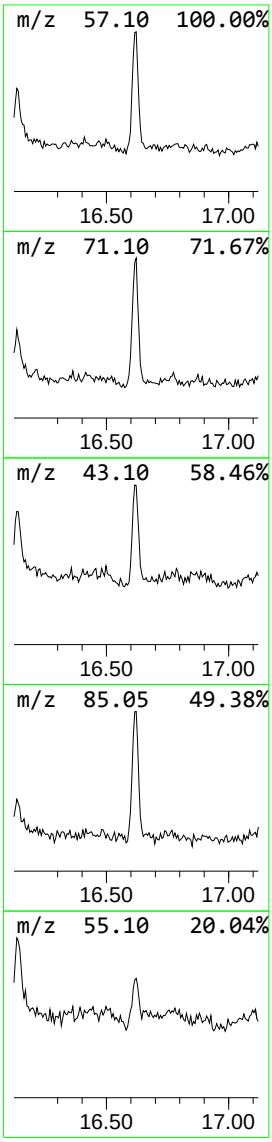
Peak Number 4 Dodecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.621	2.00 ng	141273	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2	2-methyloctacosane	408	C29H60	1000376-72-8	68
3	Triacontane	422	C30H62	000638-68-6	68
4	Tetracosane	338	C24H50	000646-31-1	64
5	Nonadecane	268	C19H40	000629-92-5	64





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...	2.234	13.8	ng	763466	1	6.916	1106810	20.0
2-Pentanone, 4-...	5.146	7.8	ng	434402	1	6.916	1106810	20.0
5-Eicosene, (E)-	13.939	6.4	ng	412604	5	14.098	1290200	20.0
Dodecane, 2-met...	16.621	2.0	ng	141273	6	15.586	1411060	20.0