LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104018.D
Acq On : 28 Mar 2018 18:57
Operator : JU/SJ
Sample : J2088-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.304	32	37	43	rVB	78138	105831	3.41%	0.431%
2	5.210	526	531	540	rBV	60543	94593	3.05%	0.385%
3	5.598	594	597	632	rBV	1341691	2514841	81.09%	10.245%
4	6.598	763	767	787	rBV	1491763	2580381	83.20%	10.512%
5	6.739	787	791	822	rVV	2105410	2974821	95.92%	12.119%
6	6.963	826	829	852	rVV	473360	741782	23.92%	3.022%
7	7.122	852	856	881	rVB	1863538	2195077	70.78%	8.943%
8	7.528	921	925	944	rBV	1116924	1644188	53.01%	6.698%
9	8.245	1043	1047	1072	rBV	771390	968665	31.23%	3.946%
10	9.316	1225	1229	1238	rBV	2811166	3101482	100.00%	12.635%
11	9.380	1238	1240	1245	rVV	56931	75829	2.44%	0.309%
12	9.422	1245	1247	1256	rVB3	17634	31146	1.00%	0.127%
13	9.710	1290	1296	1303	rBV	124425	151117	4.87%	0.616%
14	9.910	1327	1330	1334	rBV	76369	65129	2.10%	0.265%
15	10.004	1342	1346	1359	rBV	973076	971646	31.33%	3.958%
16	10.410	1413	1415	1419	rVB	98423	76563	2.47%	0.312%
17	10.633	1448	1453	1455	rBV	32029	38171	1.23%	0.156%
18	10.798	1477	1481	1493	rBV	1407629	1590849	51.29%	6.481%
19	10.886	1493	1496	1505	rVB	93550	137133	4.42%	0.559%
20	11.333	1569	1572	1575	rBV	41679	38084	1.23%	0.155%
21	11.498	1596	1600	1613	rBV	791125	838210	27.03%	3.415%
22	12.004	1683	1686	1689	rBV2	28376	34794	1.12%	0.142%
23	13.080	1865	1869	1880	rBV	2171785	2264270	73.01%	9.225%
24	13.627	1960	1962	1966	rBV4	25609	32453	1.05%	0.132%
25	13.957	2015	2018	2022	rBV	106315	95854	3.09%	0.391%
26	14.151	2047	2051	2059	rBV	661362	684254	22.06%	2.788%
27	15.692	2309	2313	2320	rVB	336629	499041	16.09%	2.033%

Sum of corrected areas: 24546204

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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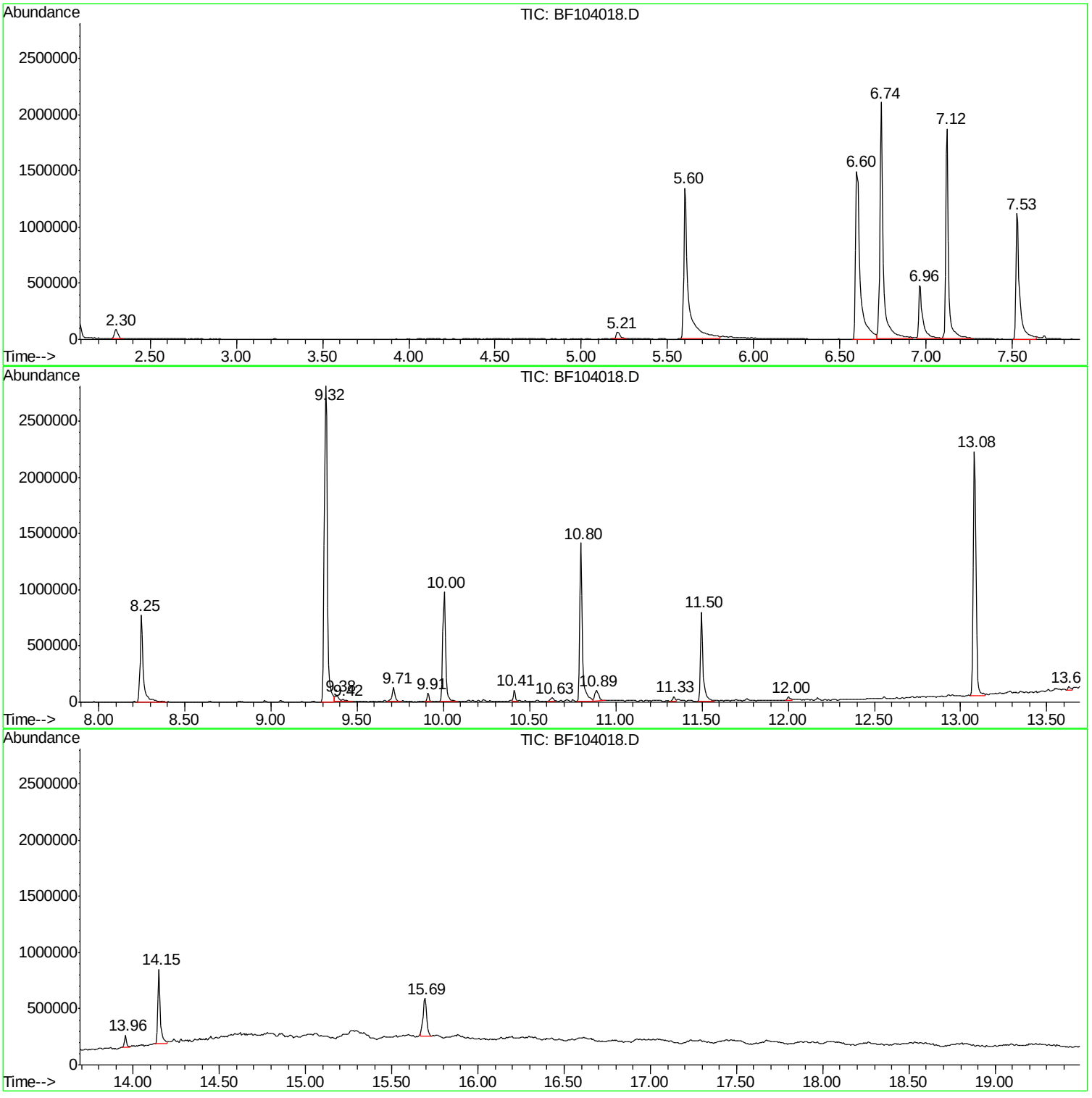
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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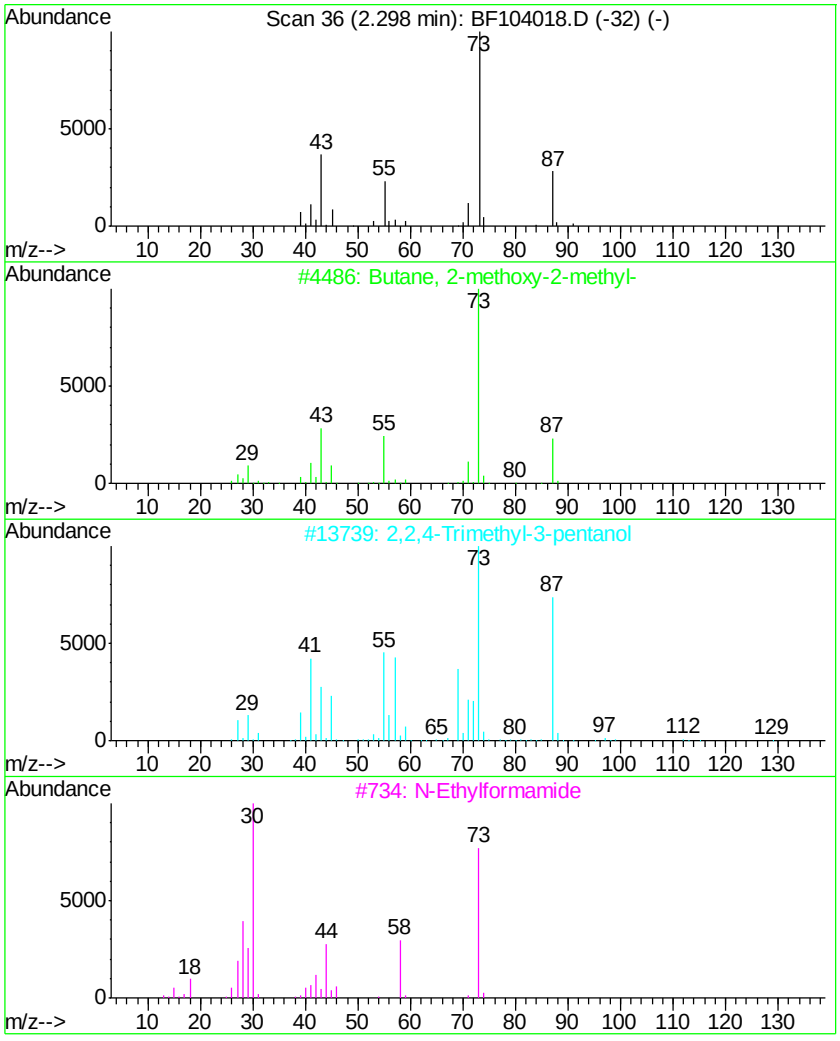
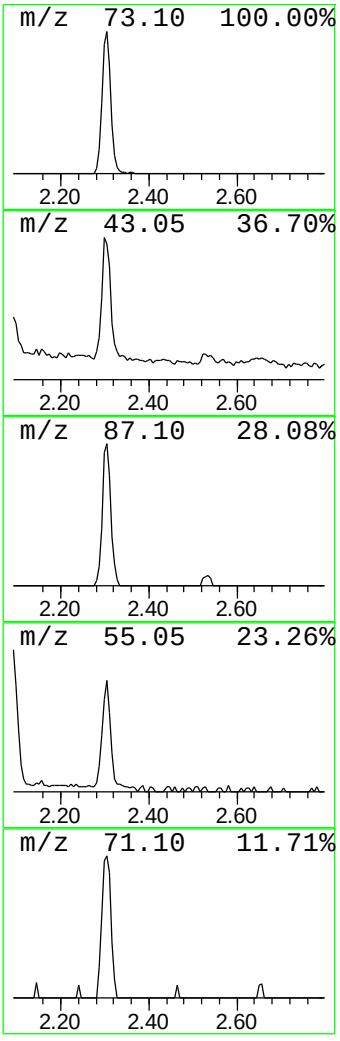
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	2.85 ng	105831	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





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Instrument : BNA_F
ClientSampleId : TP-2

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

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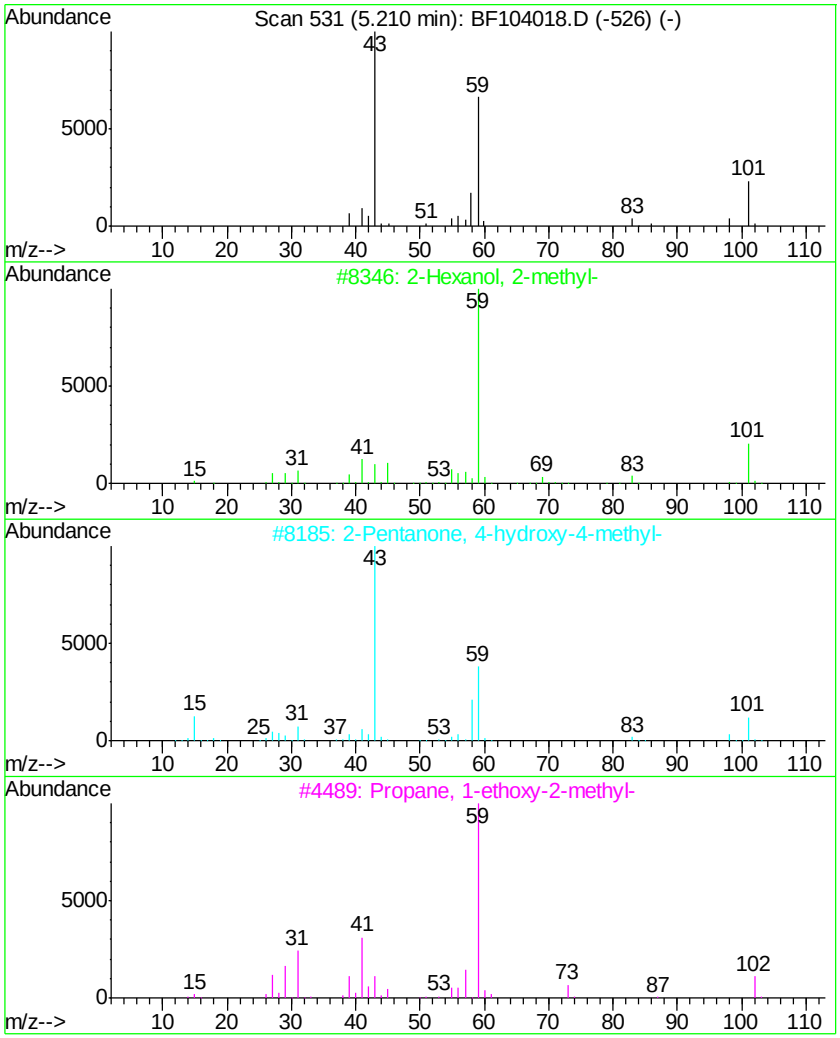
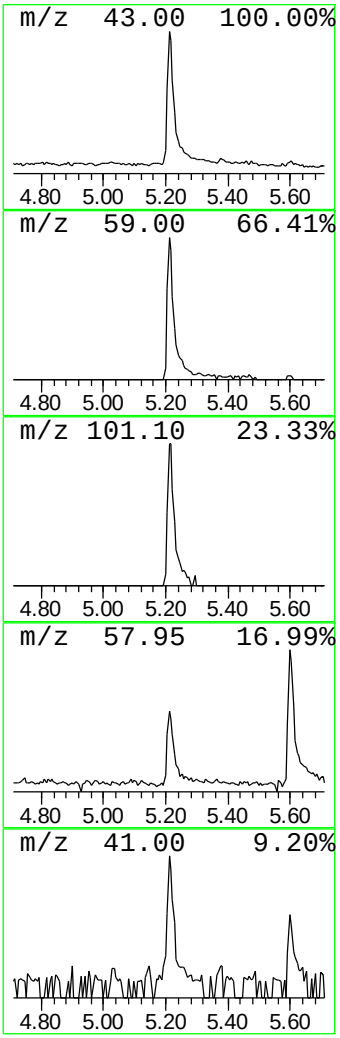
Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	2.55 ng	94593	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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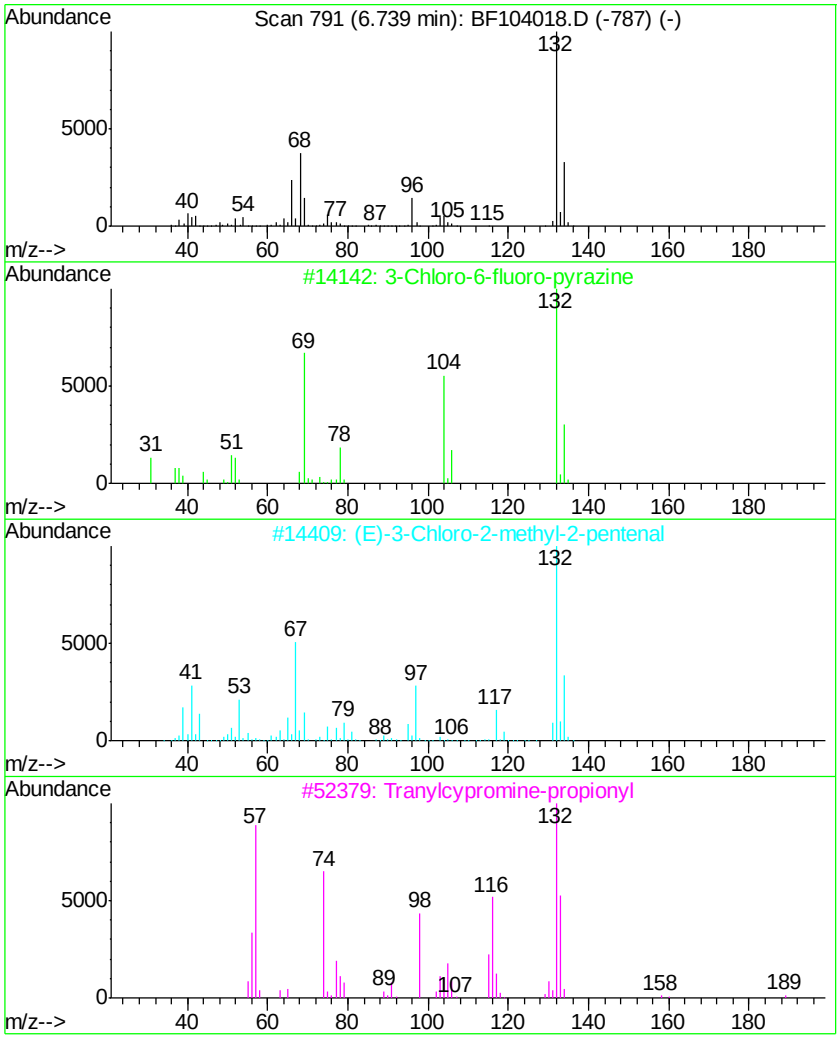
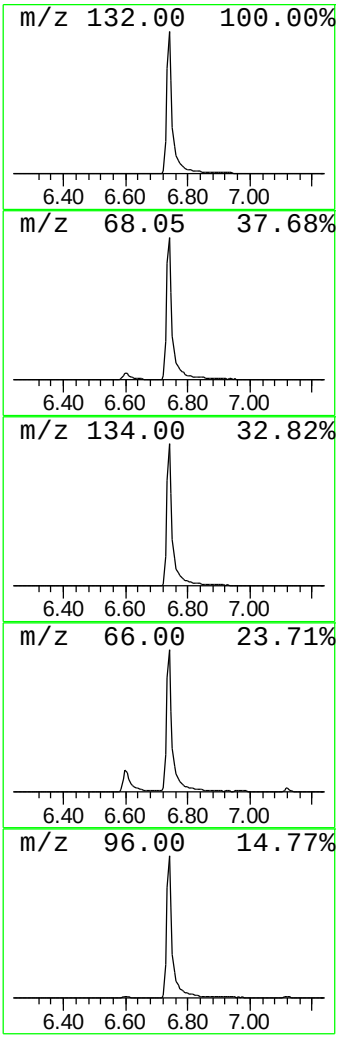
Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	80.21 ng	2974820	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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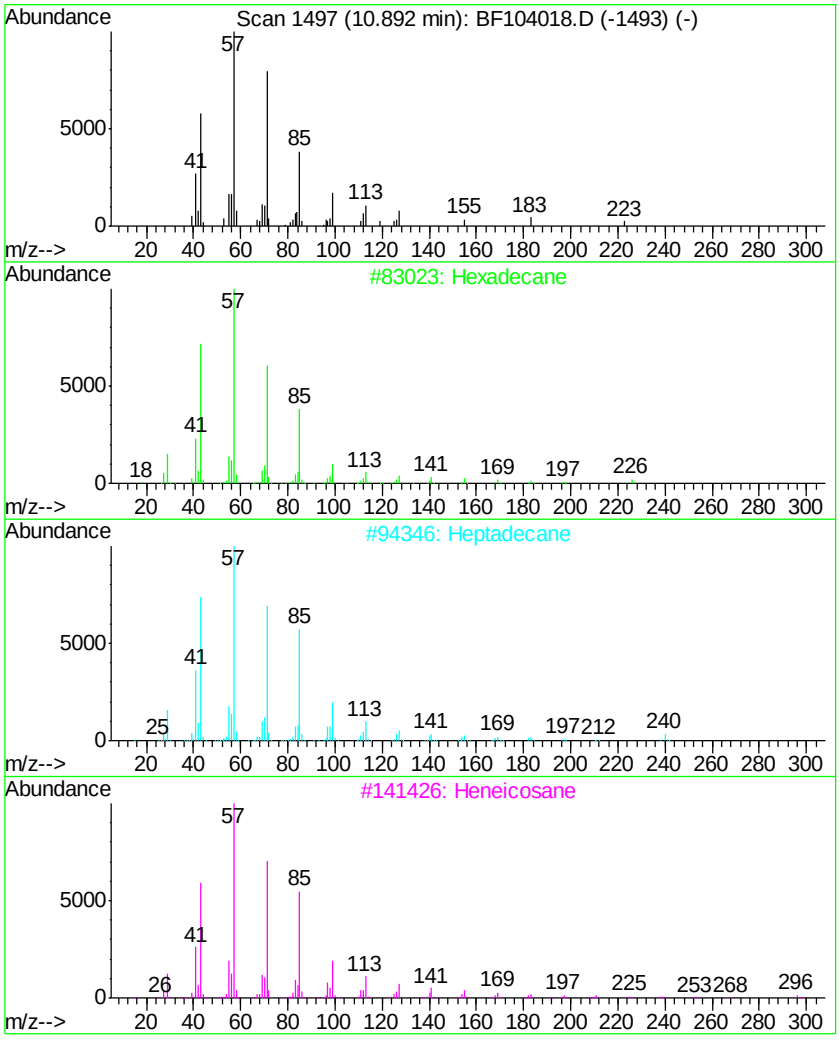
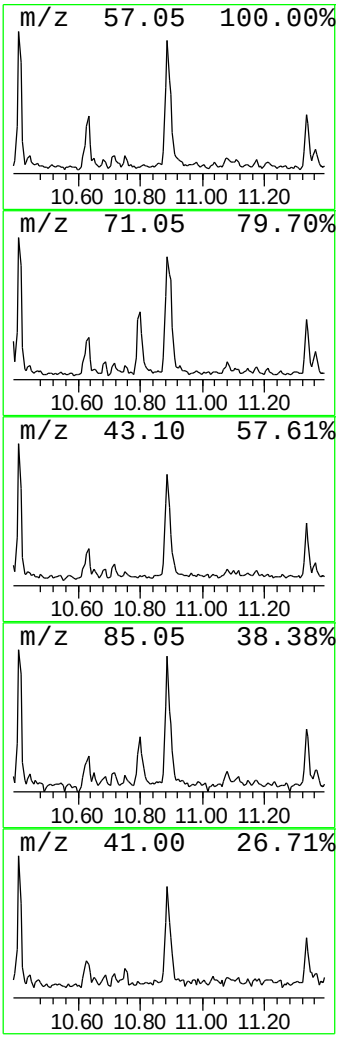
Peak Number 5 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.27 ng	137133	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Octadecane	254	C18H38	000593-45-3	78





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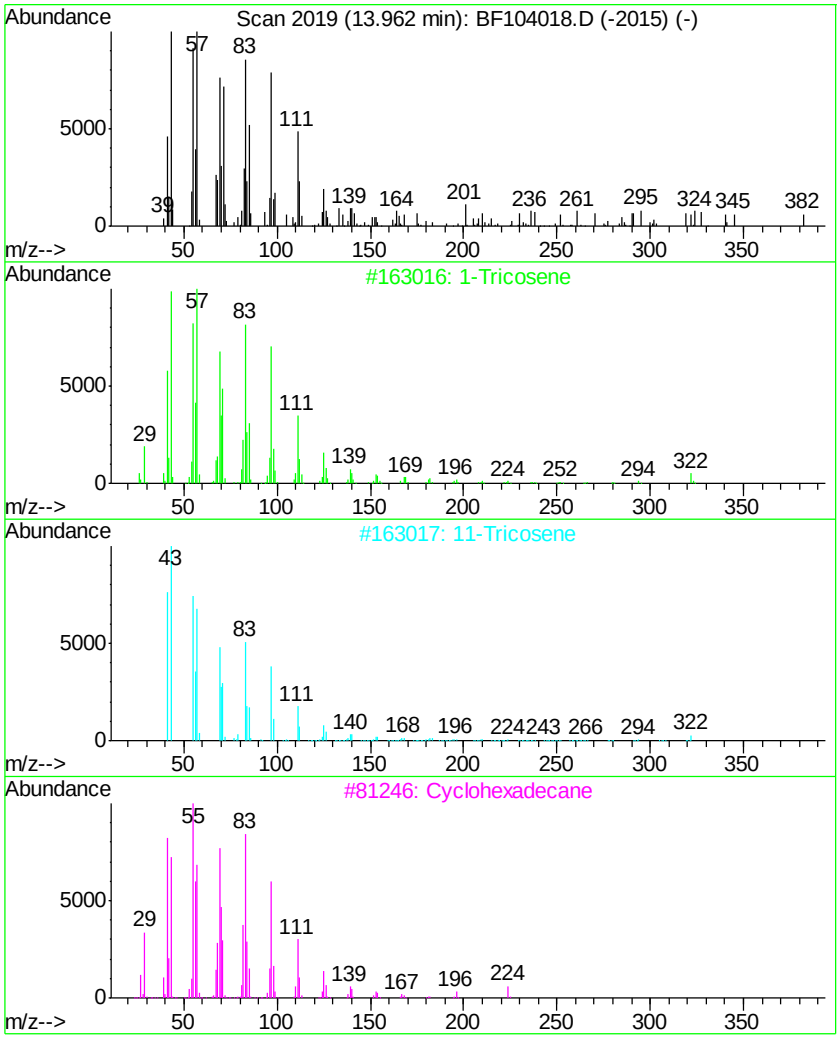
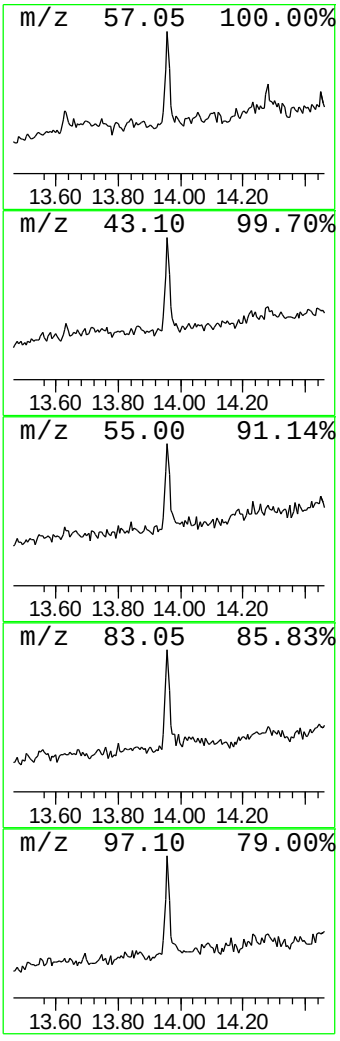
Peak Number 6 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.80 ng	95854	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	11-Tricosene	322	C23H46	052078-56-5	98
3	Cyclohexadecane	224	C16H32	000295-65-8	98
4	Z-8-Hexadecene	224	C16H32	1000130-87-5	97
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.30	2.9	ng	105831	1	6.97	741782	20.0
2-Hexanol, 2-methyl-	5.21	2.5	ng	94593	1	6.97	741782	20.0
unknown6.74	6.74	80.2	ng	2974820	1	6.97	741782	20.0
Hexadecane	10.89	3.3	ng	137133	4	11.50	838210	20.0
1-Tricosene	13.96	2.8	ng	95854	5	14.15	684254	20.0