LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088217.D
Acq On : 21 Jun 2016 17:19
Operator : UM/SJ
Sample : H3580-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 08-B6(0-8)C

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-BF060716.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	1.644	4	5	14	rVB	377882	599567	11.85%	2.364%
2	1.758	14	15	71	rVB	2044257	5059266	100.00%	19.949%
3	4.799	280	281	292	rBV	71312	135837	2.68%	0.536%
4	5.244	318	320	323	rBV	1727059	1752763	34.64%	6.911%
5	6.307	411	413	416	rBV	1652602	1741661	34.43%	6.868%
6	6.422	421	423	426	rBV	1963473	1814708	35.87%	7.156%
7	6.650	441	443	446	rBV	608313	514518	10.17%	2.029%
8	6.810	455	457	459	rBV	1517961	1594295	31.51%	6.286%
9	7.222	491	493	495	rBV	1249930	1213758	23.99%	4.786%
10	7.930	553	555	558	rBV	496359	668501	13.21%	2.636%
11	9.016	647	650	652	rBV	2391643	2425828	47.95%	9.565%
12	9.416	682	685	687	rBV	844016	723405	14.30%	2.852%
13	9.679	706	708	711	rBV	549670	774062	15.30%	3.052%
14	10.479	775	778	780	rBV	1112610	1408149	27.83%	5.552%
15	10.593	787	788	793	rBV	50750	82652	1.63%	0.326%
16	11.165	836	838	840	rBV	932028	805533	15.92%	3.176%
17	12.754	974	977	979	rBV	1982702	2349270	46.43%	9.263%
18	13.657	1054	1056	1065	rBV	70802	158819	3.14%	0.626%
19	13.794	1065	1068	1071	rBV	831459	820566	16.22%	3.236%
20	15.040	1172	1177	1185	rBV	28960	105003	2.08%	0.414%
21	15.165	1185	1188	1194	rVB	501841	612535	12.11%	2.415%

Sum of corrected areas: 25360696

LSC Report - Integrated Chromatogram

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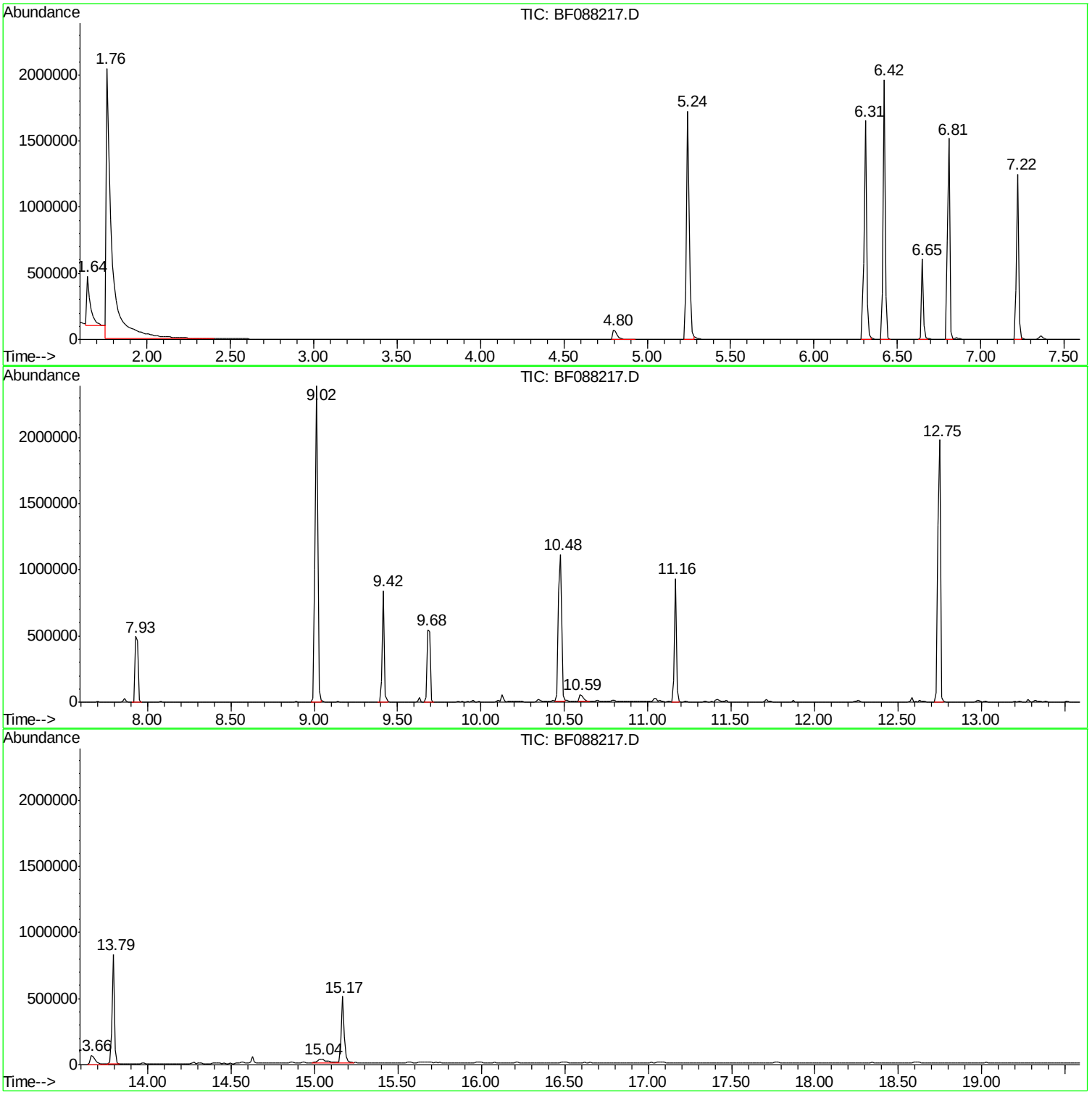
BNA_F
ClientSampleId :
08-B6(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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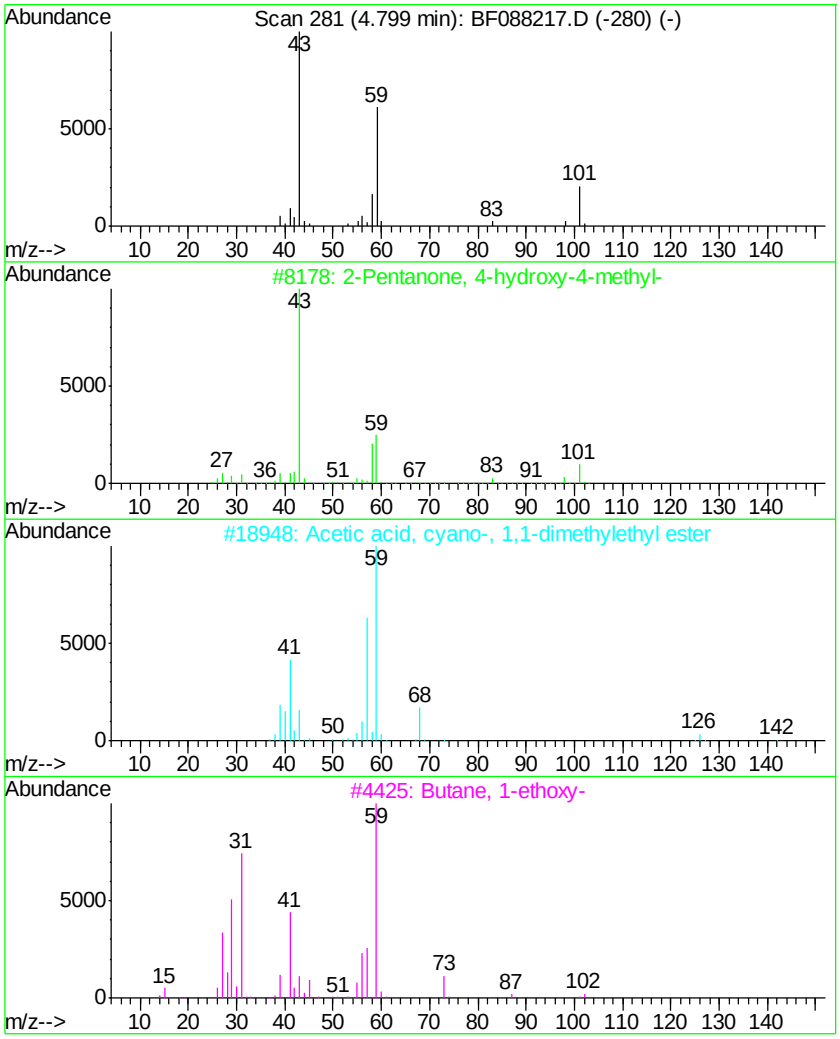
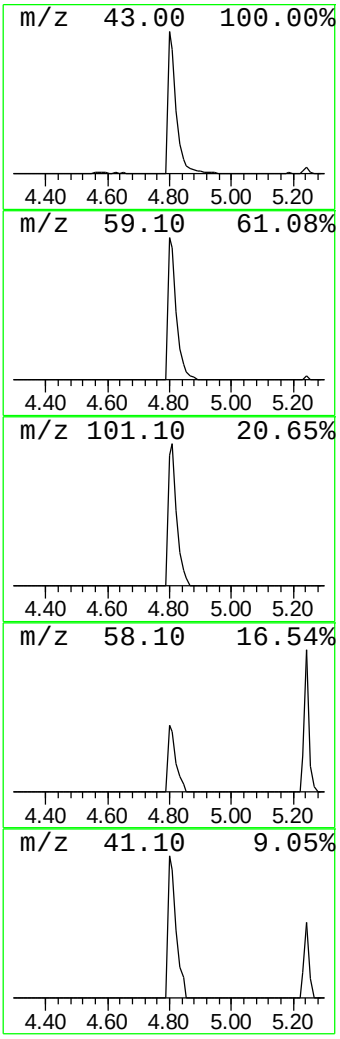
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	5.28 ng	135837	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : 08-B6(0-8)C

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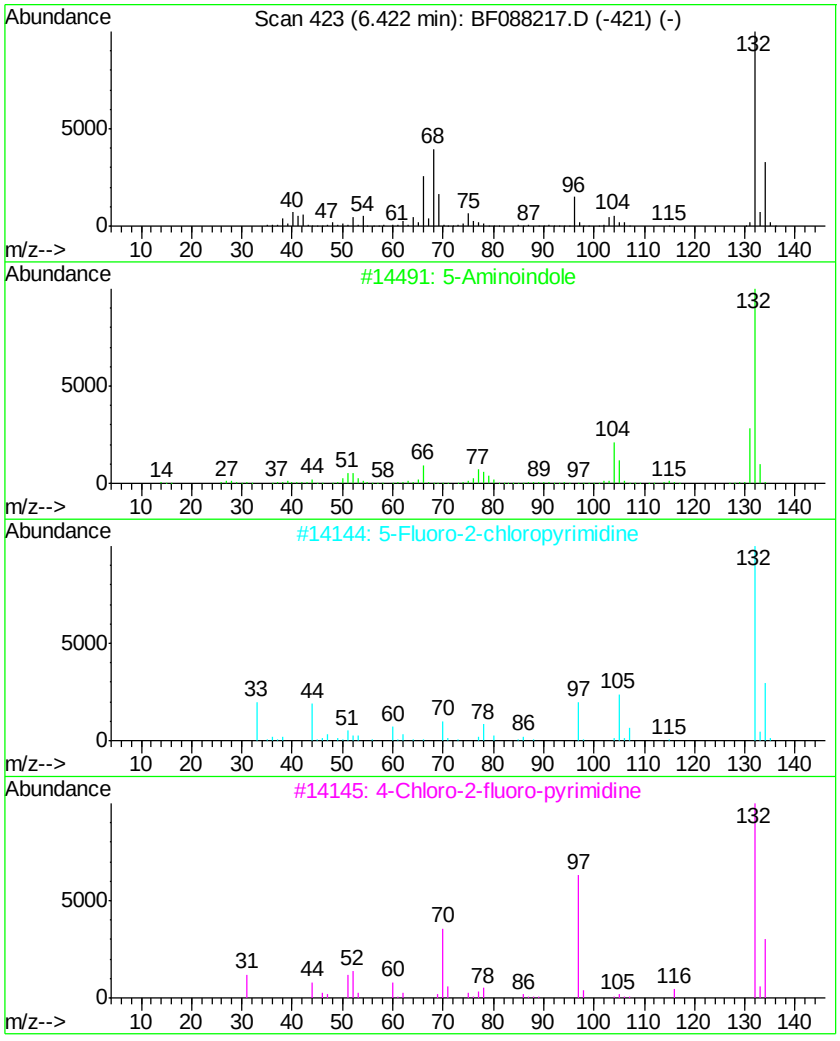
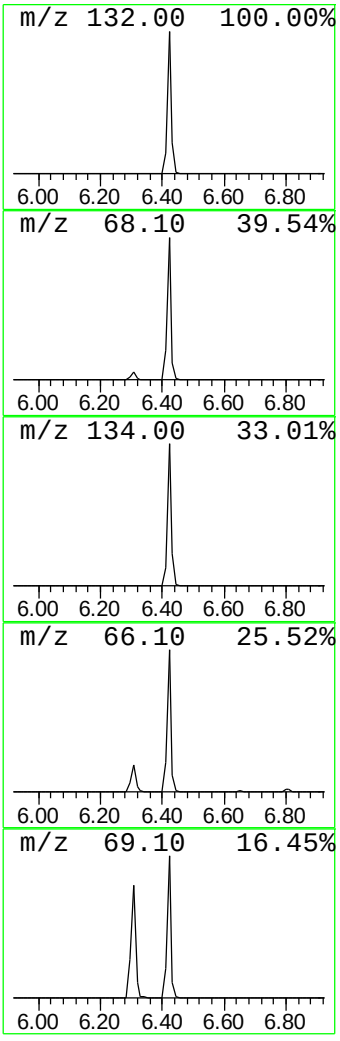
Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	70.54 ng	1814710	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : 08-B6(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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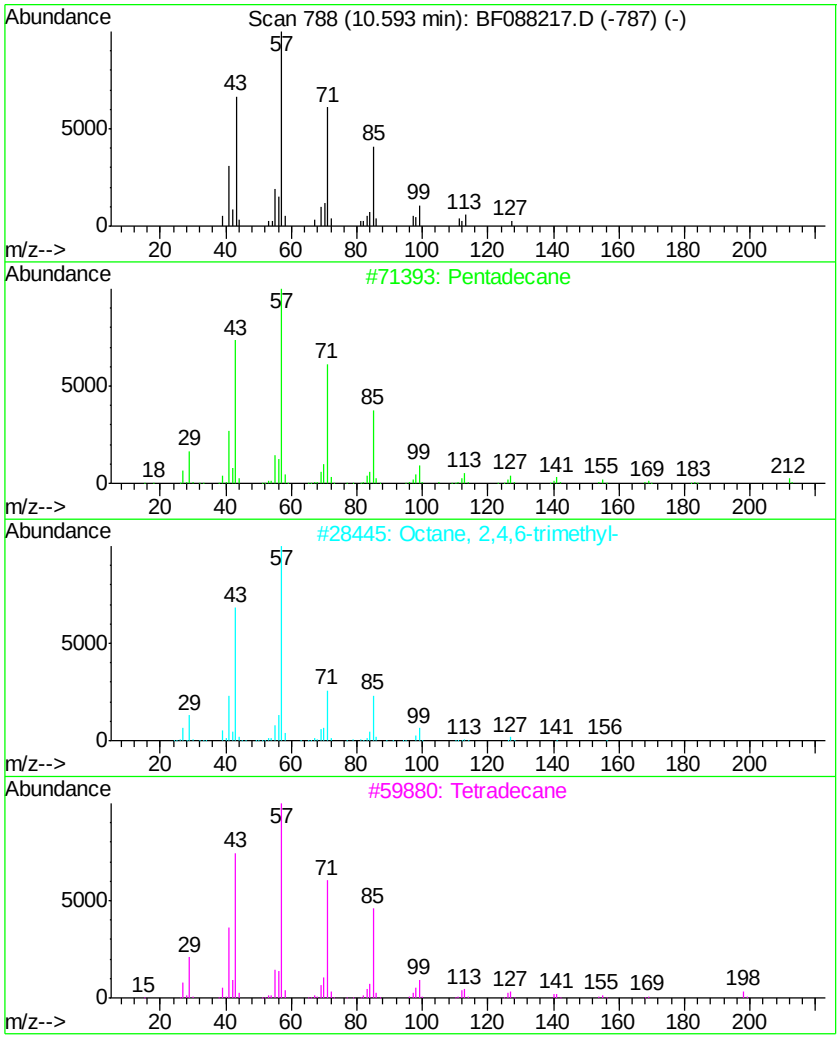
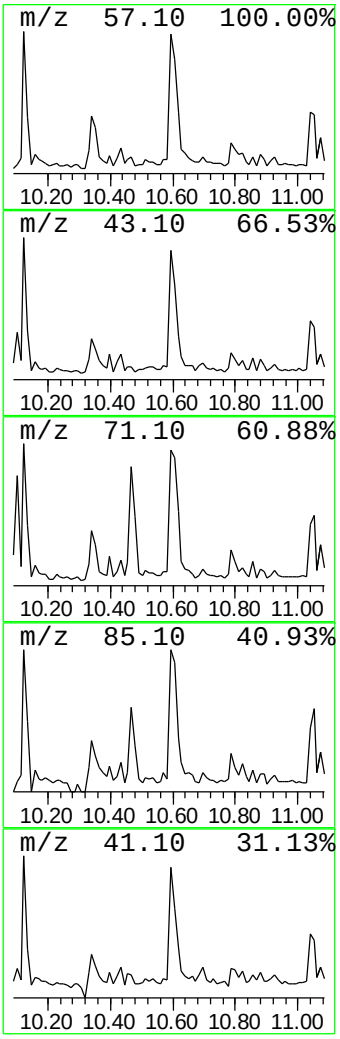
Peak Number 6 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.05 ng	82652	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptacosane	380	C27H56	000593-49-7	64
5	Hexadecane	226	C16H34	000544-76-3	64





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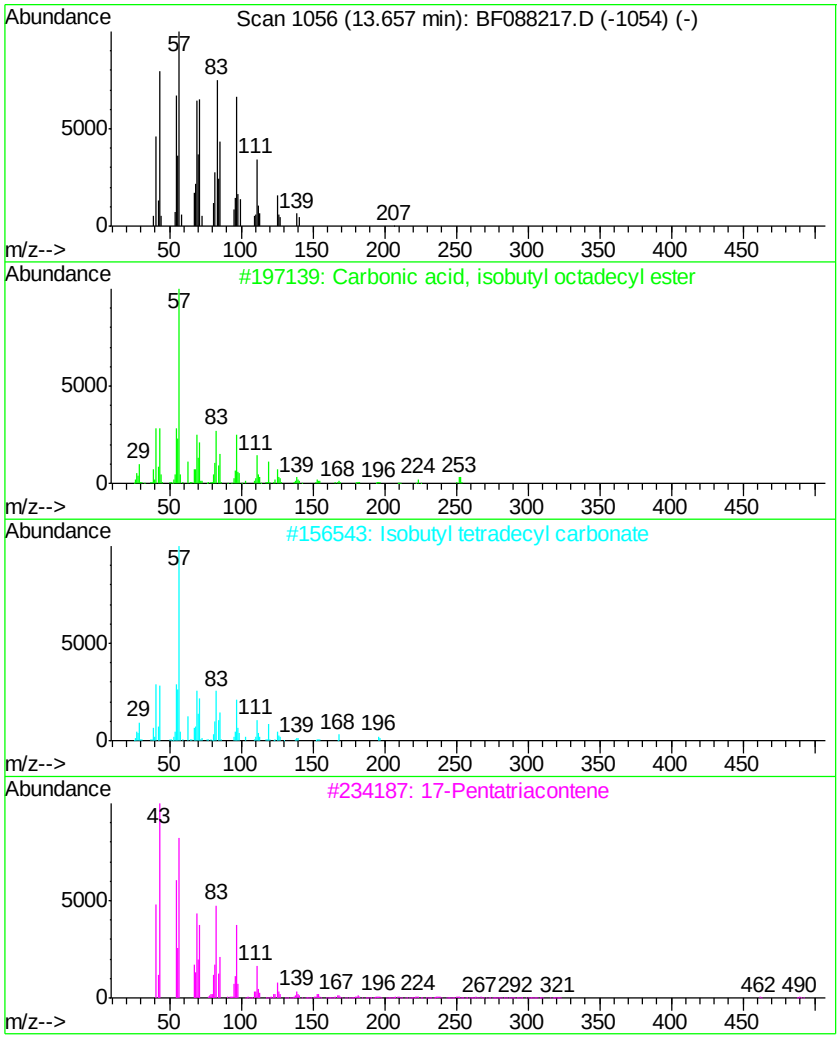
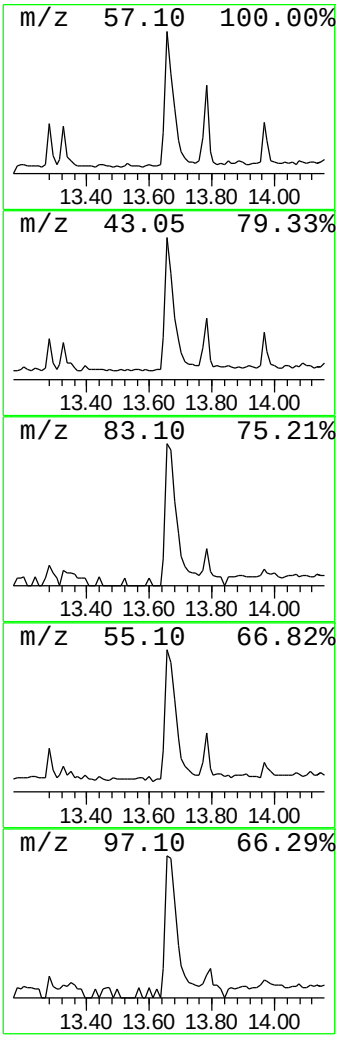
Peak Number 7 Carbonic acid, isobutyl oct... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.87 ng	158819	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76





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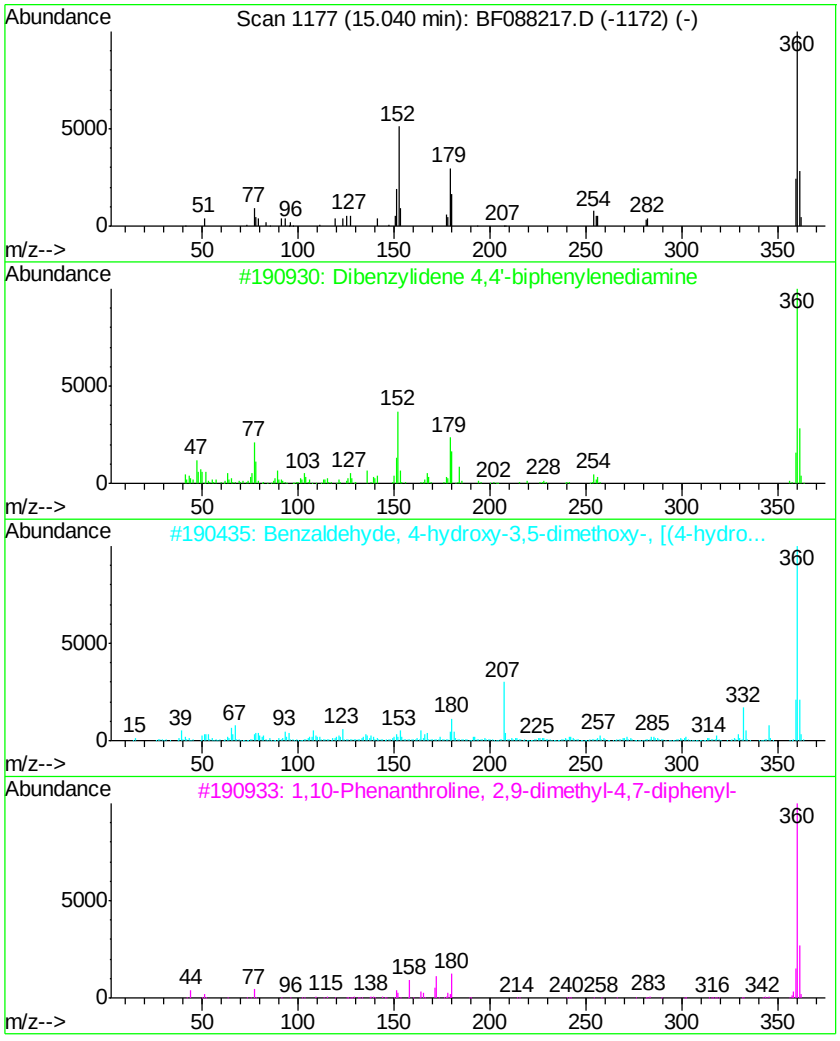
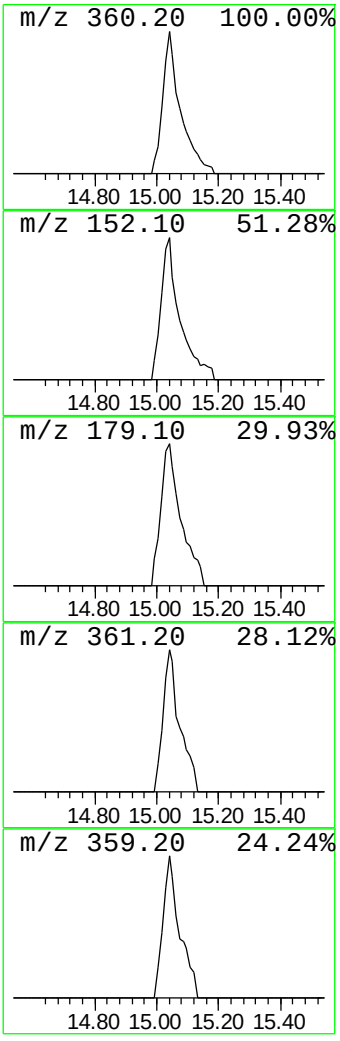
Peak Number 8 Dibenzylidene 4,4'-biphenyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.43 ng	105003	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	93
2	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	52
3	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	47
4	Silane, dimethyl(4-bromophenoxy)...	358	C16H27BrO2Si	1000347-11-2	47
5	1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13BO6	1000150-23-7	47





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-hy...	4.80	5.3	ng	135837	1	6.65	514518	20.0
unknown6.42	6.42	70.5	ng	1814710	1	6.65	514518	20.0
Pentadecane	10.59	2.0	ng	82652	4	11.16	805533	20.0
Carbonic acid, is...	13.66	3.9	ng	158819	5	13.79	820566	20.0
Dibenzylidene 4,4...	15.04	3.4	ng	105003	6	15.17	612535	20.0