LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088316.D
Acq On : 24 Jun 2016 5:40
Operator : UM/SJ
Sample : H3683-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMP

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	1.724	10	12	65	rVB	1006334	2410007	100.00%	11.213%
2	4.741	273	276	294	rBV	94426	219312	9.10%	1.020%
3	5.187	313	315	342	rBV	1169239	2092525	86.83%	9.736%
4	6.261	407	409	416	rBV	1181536	2040939	84.69%	9.496%
5	6.364	416	418	436	rVB	1587289	2175248	90.26%	10.121%
6	6.593	436	438	448	rBV	385023	430820	17.88%	2.004%
7	6.753	449	452	454	rBV	1271444	1706680	70.82%	7.941%
8	7.164	486	488	491	rBV	895994	1320013	54.77%	6.142%
9	7.884	549	551	563	rBV	446876	596968	24.77%	2.778%
10	8.959	642	645	648	rBV	2236474	2325609	96.50%	10.820%
11	9.359	678	680	690	rVB	338207	306501	12.72%	1.426%
12	9.622	701	703	706	rBV	523930	644003	26.72%	2.996%
13	10.068	740	742	744	rVB	49837	40413	1.68%	0.188%
14	10.285	758	761	765	rBV	14815	27097	1.12%	0.126%
15	10.422	770	773	775	rBV	1012762	1324169	54.94%	6.161%
16	10.536	781	783	787	rVB	49688	58351	2.42%	0.271%
17	10.982	820	822	824	rBV	24869	24970	1.04%	0.116%
18	11.108	831	833	835	rBV	530971	593848	24.64%	2.763%
19	11.359	852	855	863	rBB	36210	77319	3.21%	0.360%
20	12.514	954	956	959	rBV	46616	44235	1.84%	0.206%
21	12.685	968	971	973	rBV	1876517	1784519	74.05%	8.303%
22	13.222	1015	1018	1019	rBV	20444	24201	1.00%	0.113%
23	13.599	1047	1051	1058	rVB2	58807	118647	4.92%	0.552%
24	13.725	1060	1062	1065	rBV	447505	461173	19.14%	2.146%
25	14.559	1133	1135	1139	rBV	22376	24316	1.01%	0.113%
26	14.765	1146	1153	1163	rBV3	41027	188027	7.80%	0.875%
27	15.085	1179	1181	1187	rBV	355449	432773	17.96%	2.014%

Sum of corrected areas: 21492683

LSC Report - Integrated Chromatogram

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ClientSampleId :
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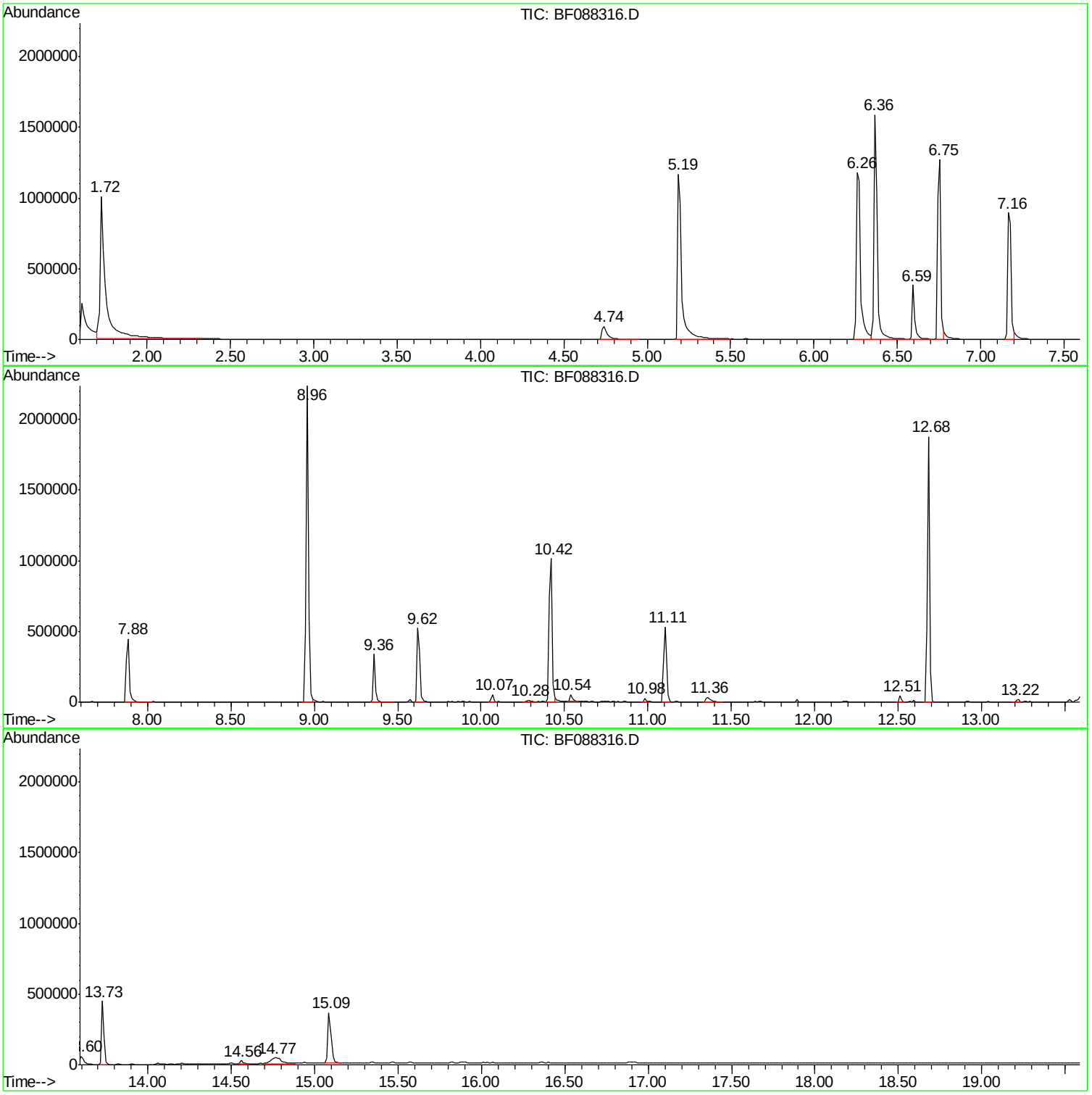
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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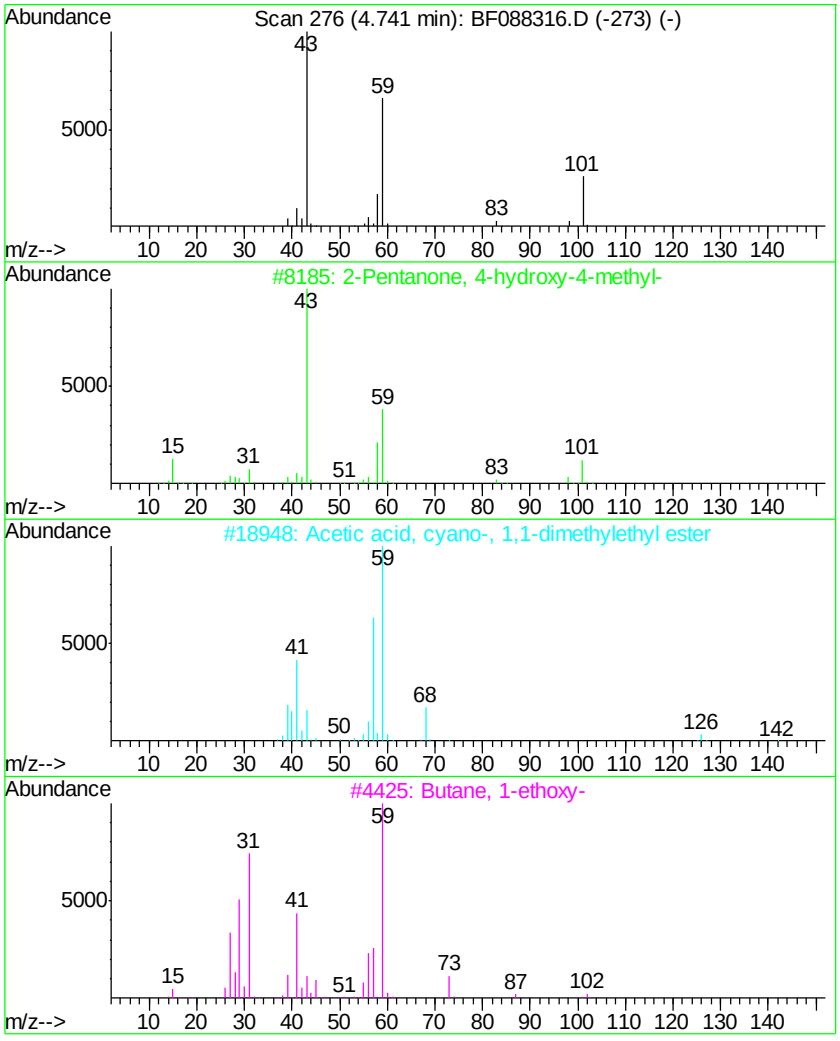
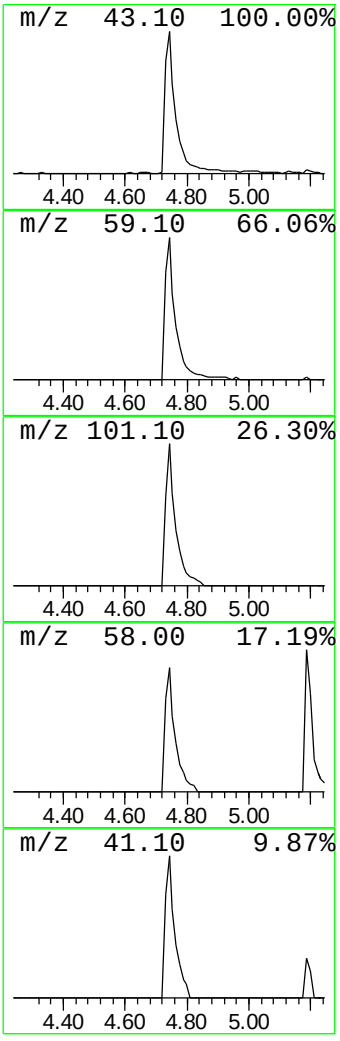
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	10.18 ng	219312	1,4-Dichlorobenzene-d4	6.59

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	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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ClientSampleId : SB-02-COMP

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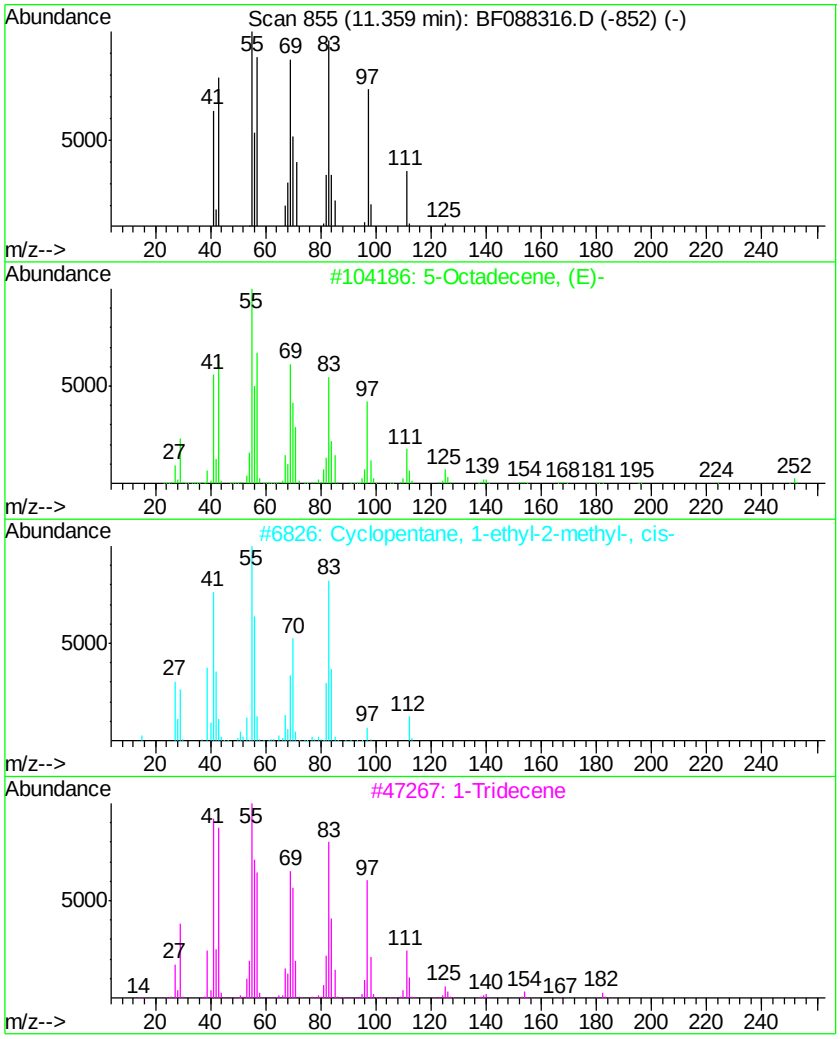
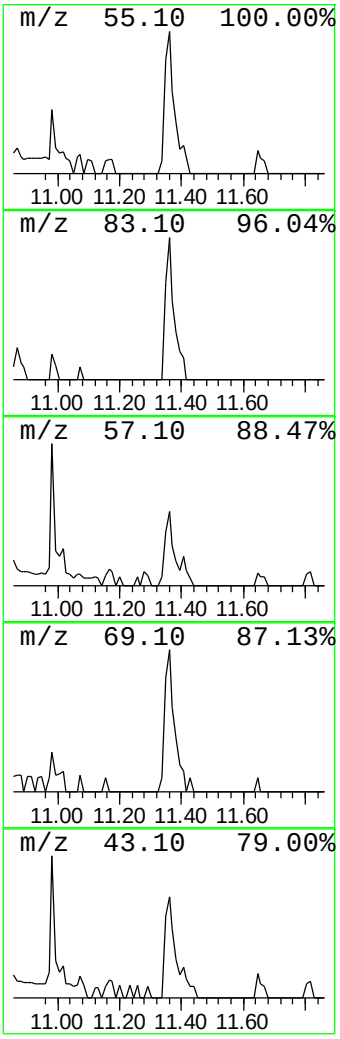
Peak Number 5 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.60 ng	77319	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	42
3	1-Tridecene	182	C13H26	002437-56-1	38
4	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	38
5	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	38





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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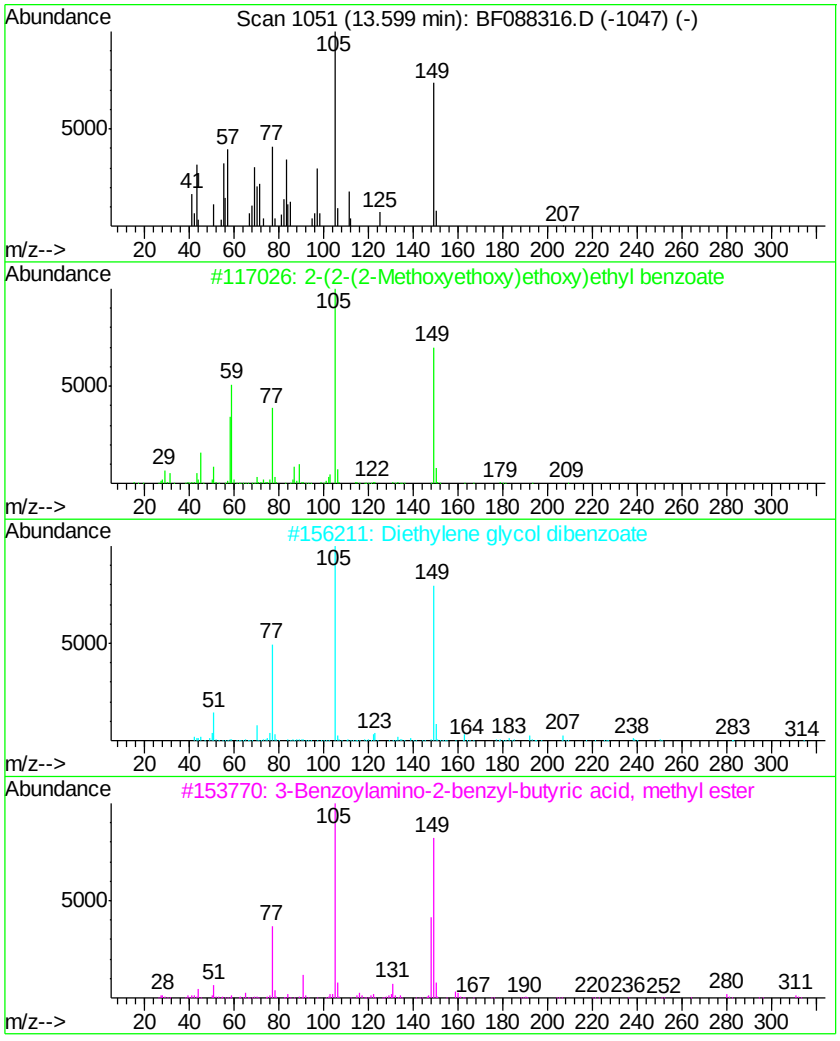
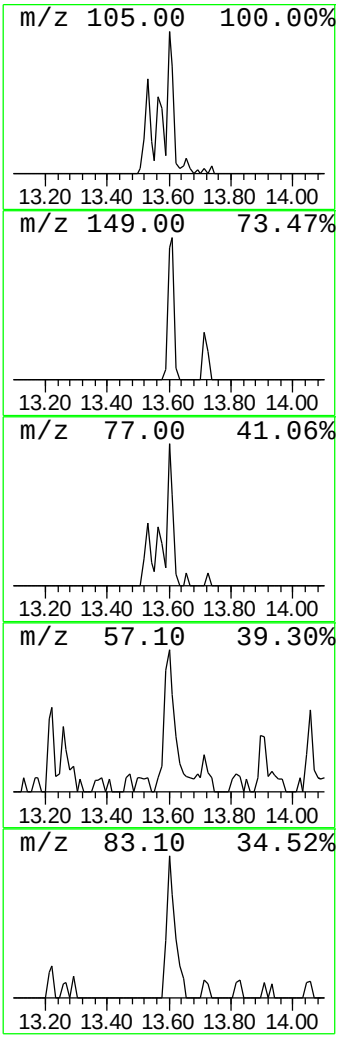
Peak Number 6 unknown13.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.15 ng	118647	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	47
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	47
3	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	38
4	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	38
5	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	38





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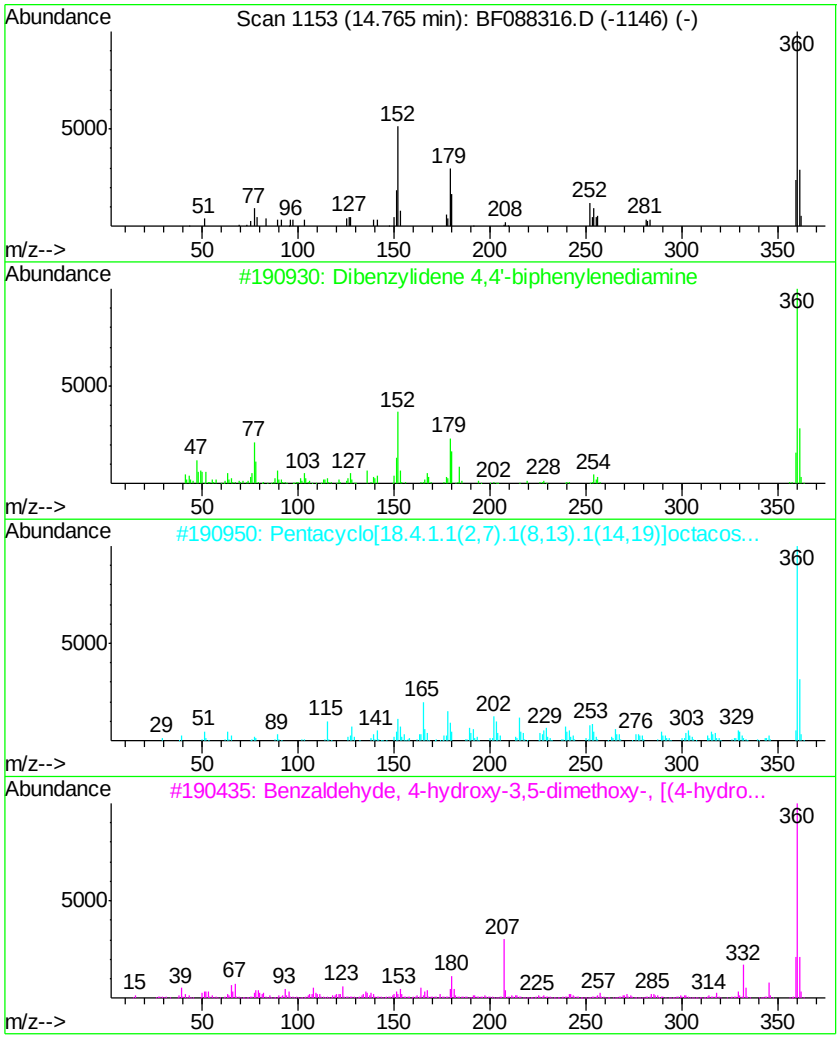
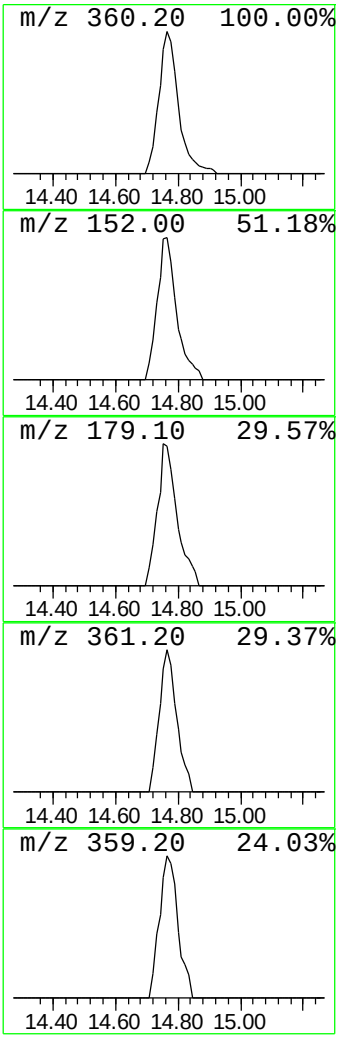
Peak Number 7 Dibenzylidene 4,4'-biphenyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	8.69 ng	188027	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	76
2	Pentacyclo[18.4.1.1(2,7).1(8,13)...	360	C28H24	101077-60-5	47
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
4	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	46
5	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	43





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...	4.74	10.2	ng	219312	1	6.59	430820	20.0
5-Octadecene, (E)-	11.36	2.6	ng	77319	4	11.11	593848	20.0
unknown13.60	13.60	5.2	ng	118647	5	13.73	461173	20.0
Dibenzylidene 4,4...	14.77	8.7	ng	188027	6	15.09	432773	20.0