LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088060.D
Acq On : 16 Jun 2016 3:57
Operator : UM/SJ
Sample : H3571-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-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	1.701	8	10	18	rVB	192184	432221	11.62%	1.808%
2	1.815	18	20	67	rVB	1663265	3719479	100.00%	15.560%
3	4.913	288	291	297	rBV	93071	130050	3.50%	0.544%
4	5.336	325	328	330	rBV	1932732	1962143	52.75%	8.208%
5	6.387	417	420	422	rBV	1846287	2161108	58.10%	9.041%
6	6.513	428	431	433	rBV	1982029	2202217	59.21%	9.213%
7	6.742	449	451	453	rBV	741286	613123	16.48%	2.565%
8	6.902	462	465	467	rBV	1638825	1788337	48.08%	7.481%
9	7.313	498	501	503	rBV	1281669	1455169	39.12%	6.087%
10	8.033	561	564	566	rBV	613686	788285	21.19%	3.298%
11	9.107	655	658	660	rBV	2345751	2208045	59.36%	9.237%
12	9.508	690	693	695	rBV	417171	407977	10.97%	1.707%
13	9.782	714	717	719	rVV	954577	865494	23.27%	3.621%
14	10.216	754	755	757	rVB	53161	51043	1.37%	0.214%
15	10.433	771	774	778	rBV	19044	37652	1.01%	0.158%
16	10.570	783	786	788	rBV	1006403	1182017	31.78%	4.945%
17	10.696	795	797	801	rBV	52344	84695	2.28%	0.354%
18	11.256	844	846	849	rVB	801855	706807	19.00%	2.957%
19	12.845	982	985	987	rBV	1747988	1579277	42.46%	6.607%
20	13.759	1062	1065	1074	rBV	32158	74122	1.99%	0.310%
21	13.885	1074	1076	1079	rBV	444255	581493	15.63%	2.433%
22	15.291	1196	1199	1202	rBV	480410	584196	15.71%	2.444%
23	15.474	1208	1215	1231	rVB	71062	289409	7.78%	1.211%

Sum of corrected areas: 23904359

LSC Report - Integrated Chromatogram

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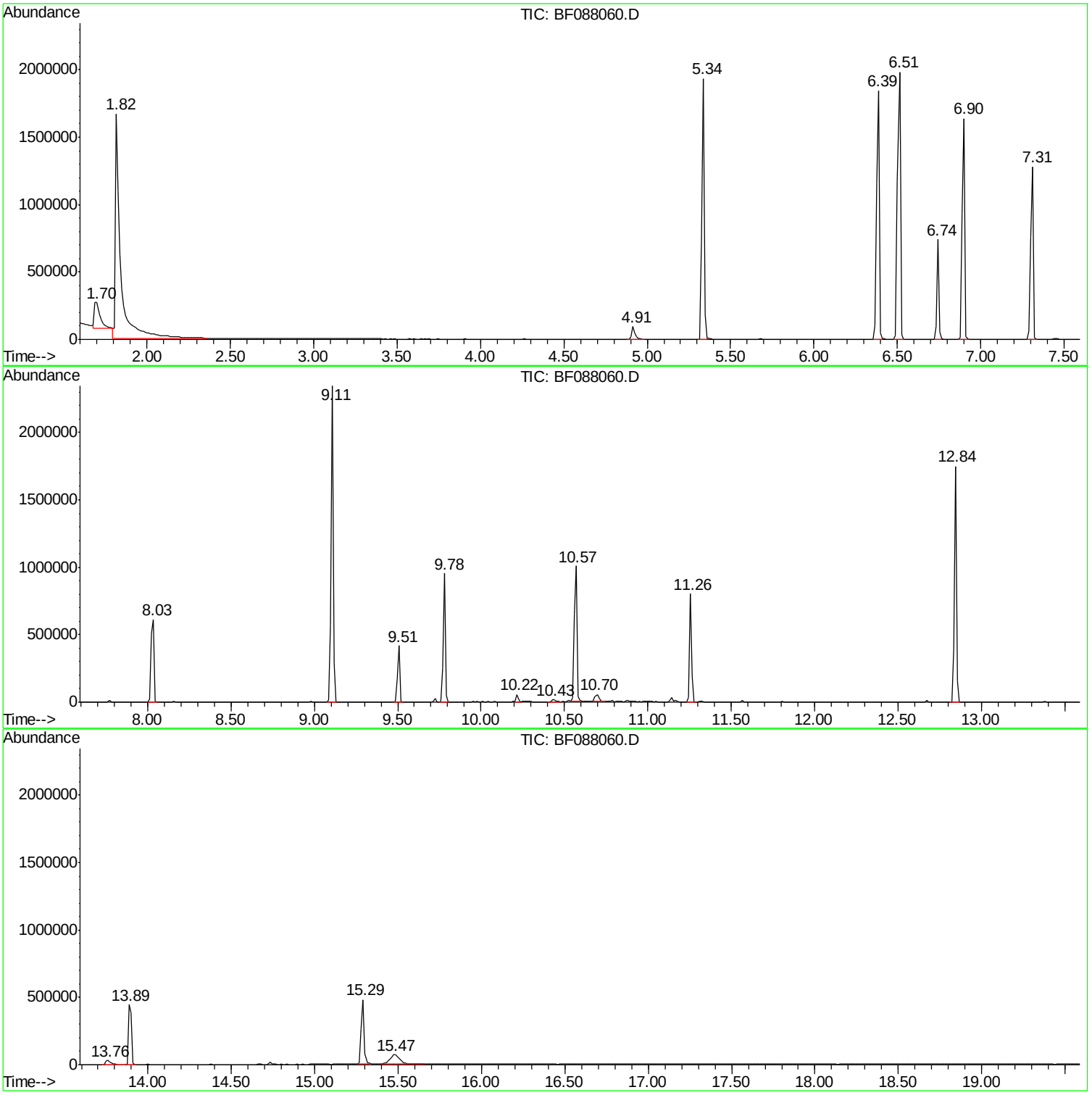
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

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



Library Search Compound Report

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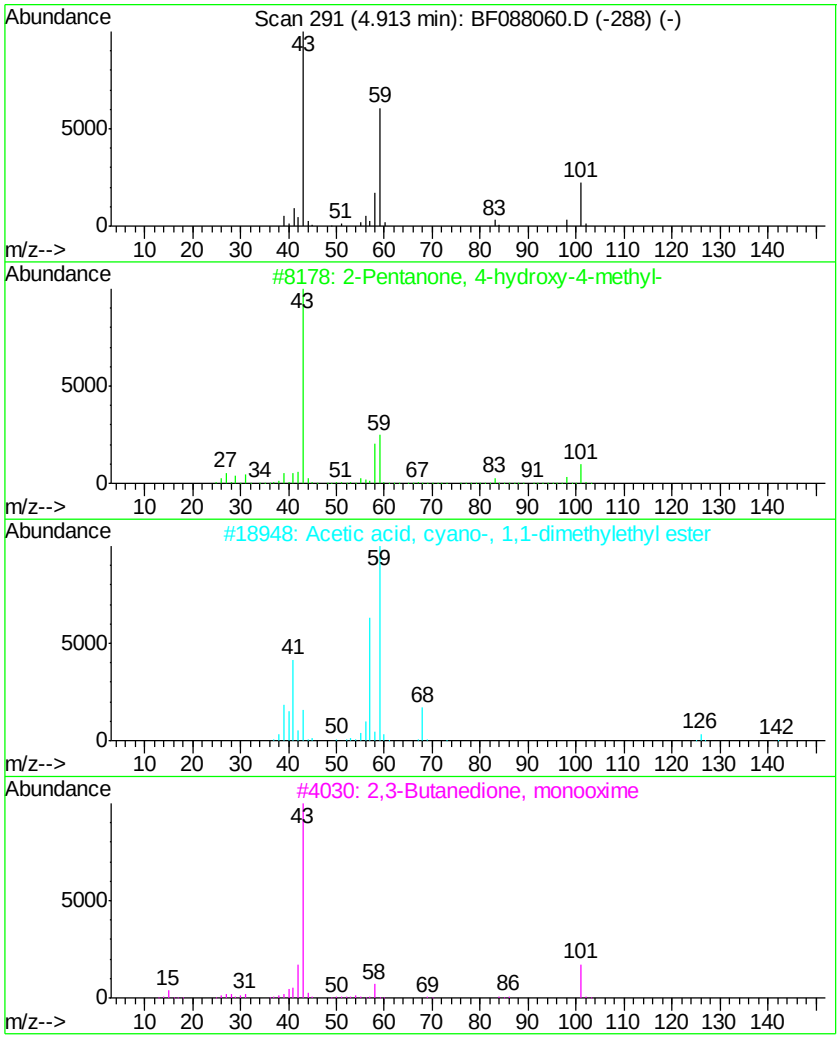
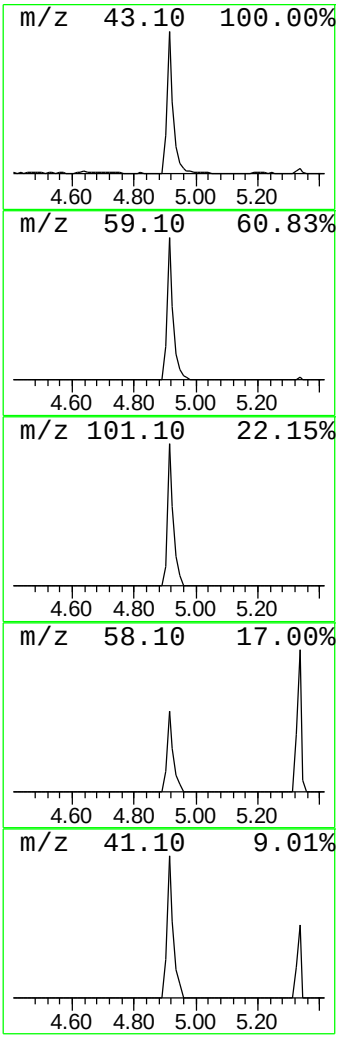
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	4.24 ng	130050	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	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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ALS Vial : 28 Sample Multiplier: 1

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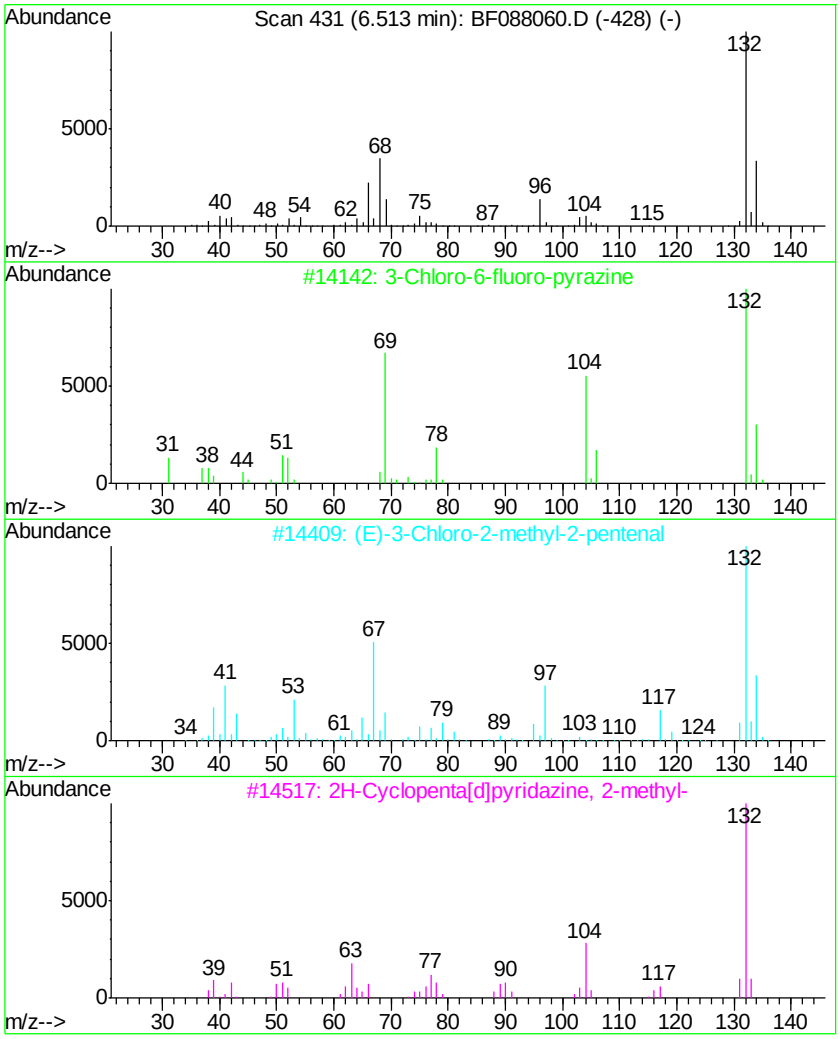
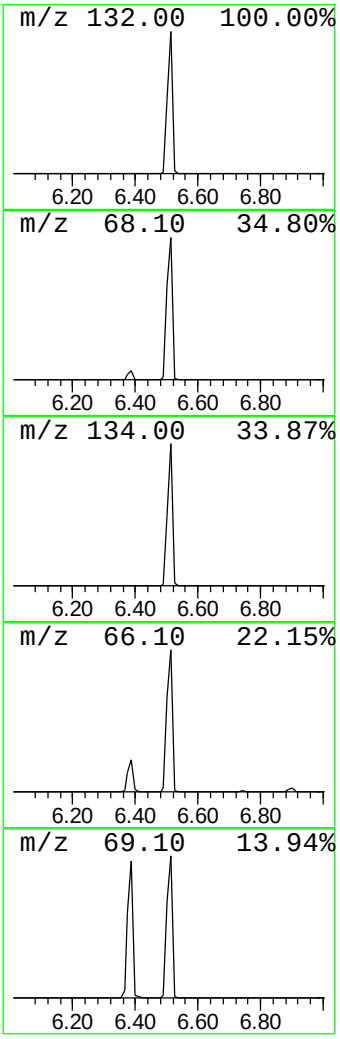
Peak Number 4 unknown6.51 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	71.84 ng	2202220	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-26-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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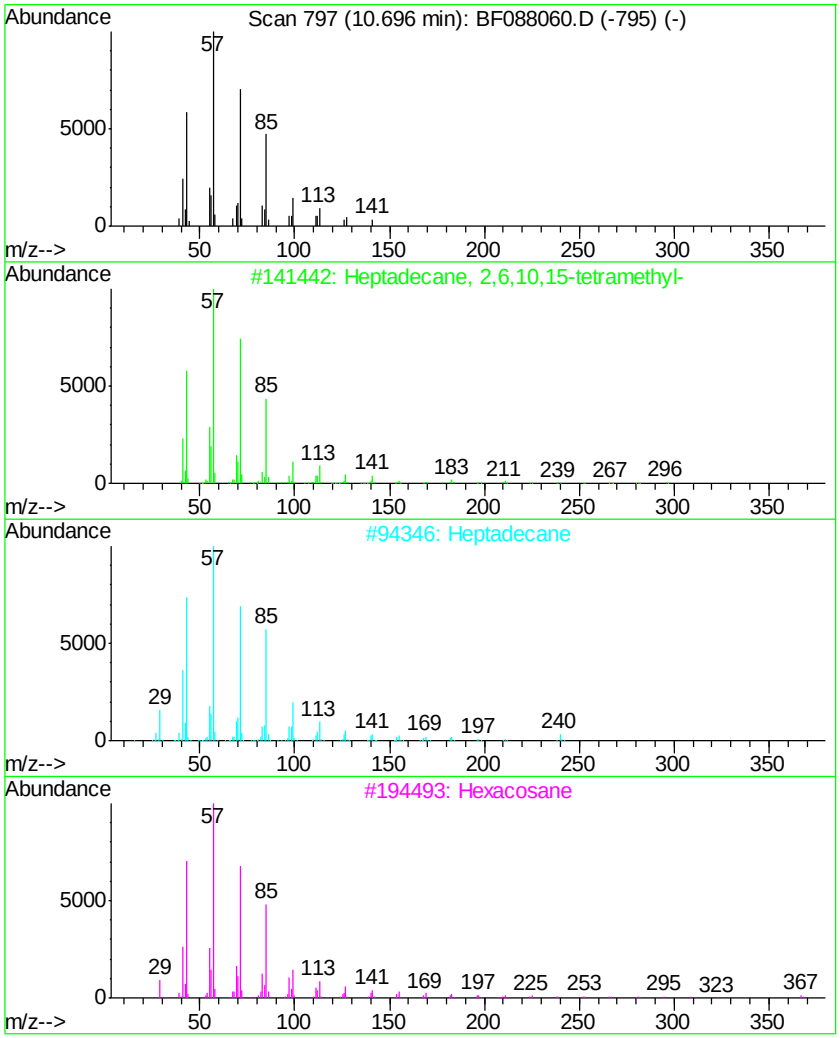
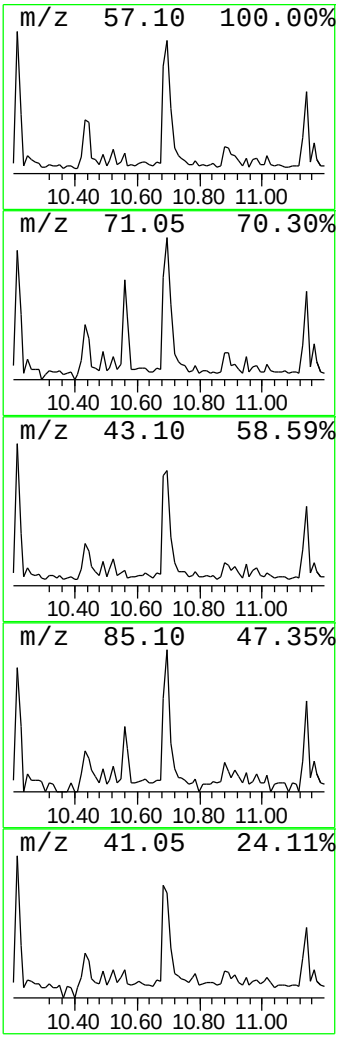
Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.40 ng	84695	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tritetracontane	605	C43H88	007098-21-7	90





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-26-COMP

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TIC Library : C:\Database\NIST11.L
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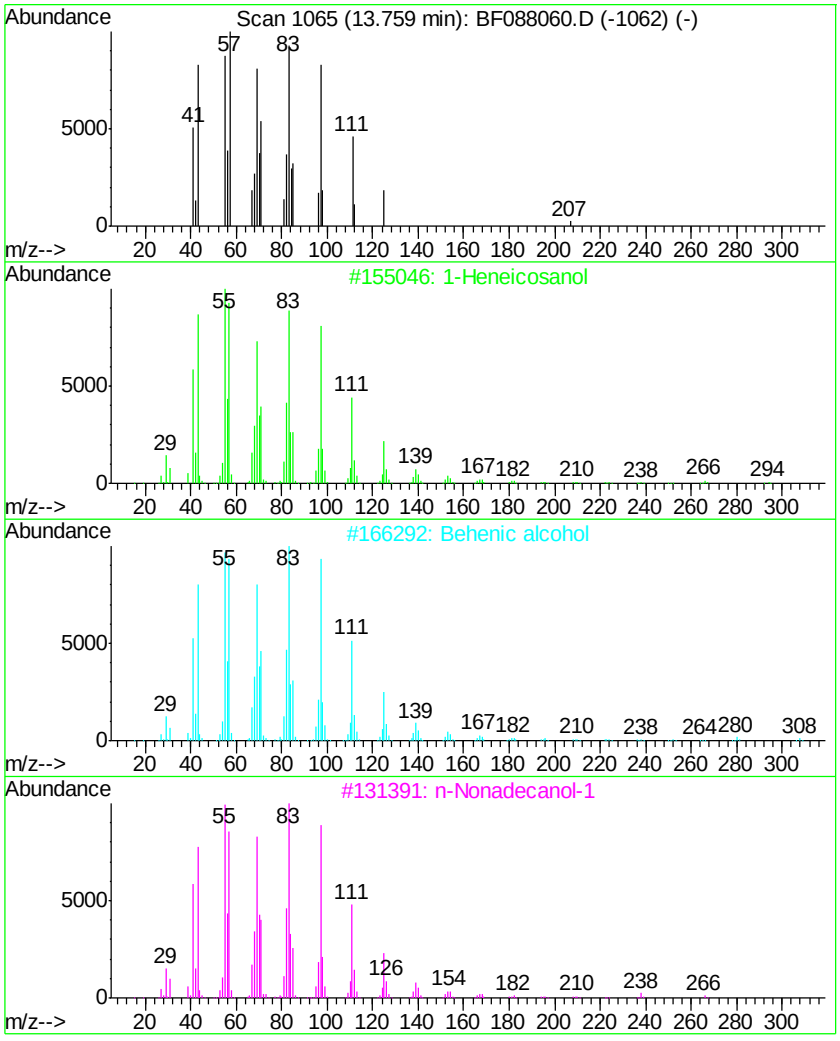
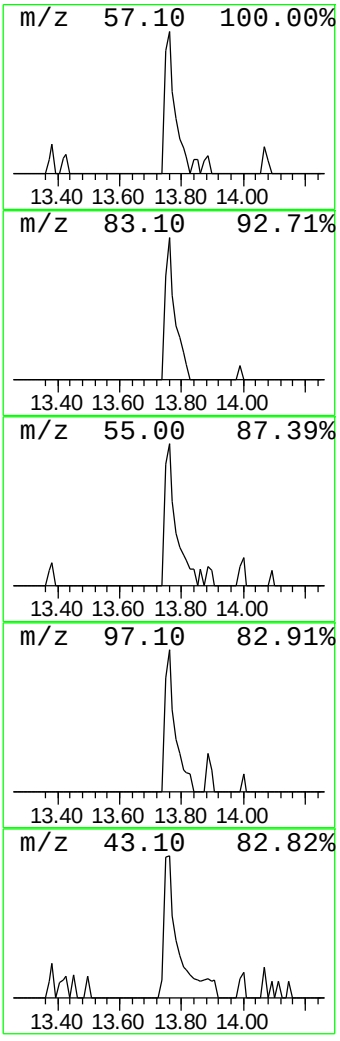
Peak Number 7 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.55 ng	74122	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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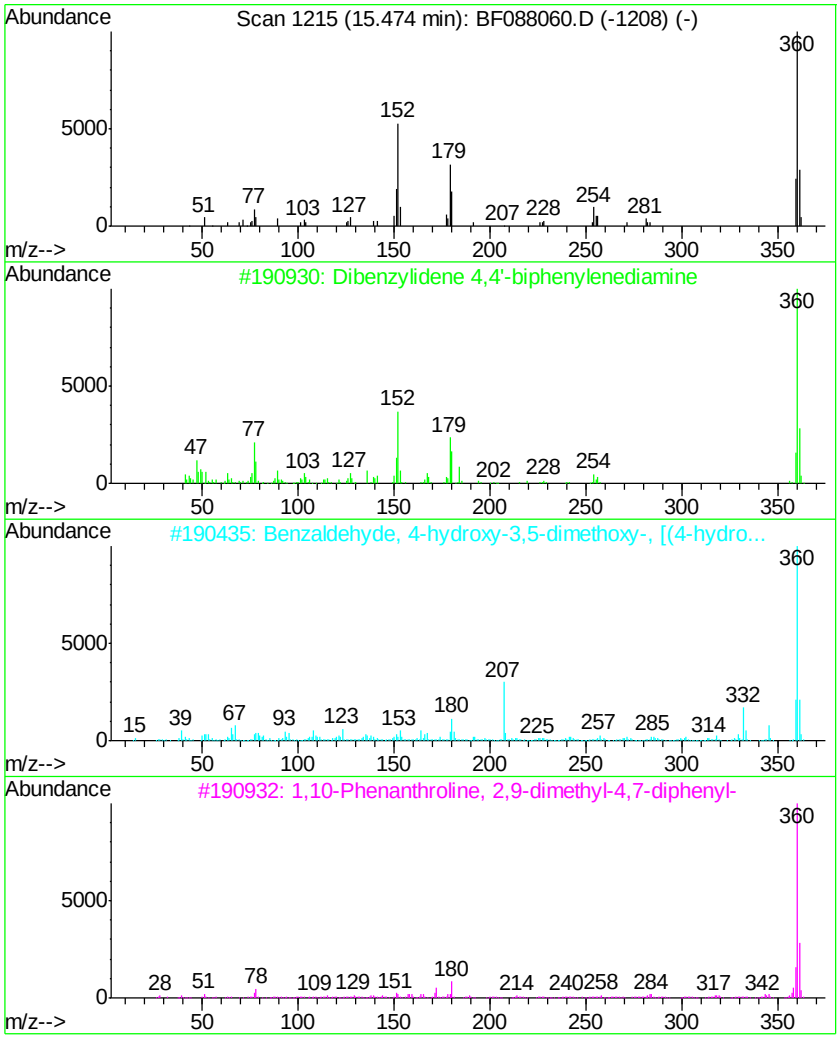
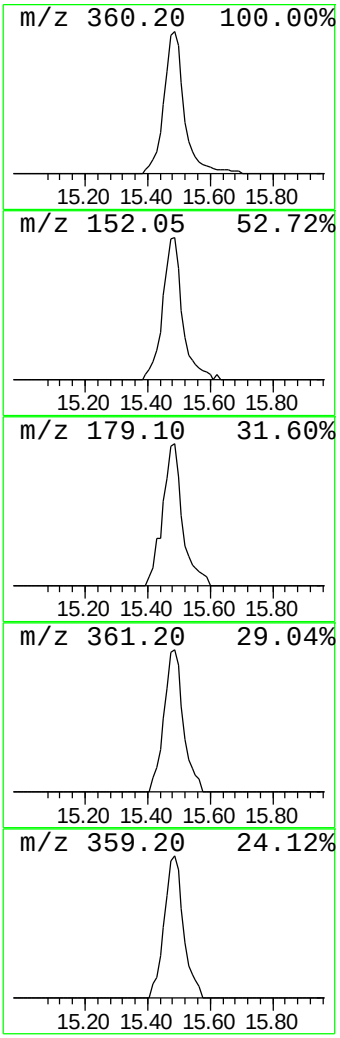
Peak Number 8 Dibenzylidene 4,4'-biphenyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	9.91 ng	289409	Perylene-d12	15.29

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	47
3	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	46
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	43
5	1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13BO6	1000150-23-7	43





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	4.2	ng	130050	1	6.74	613123	20.0
unknown6.51	6.51	71.8	ng	2202220	1	6.74	613123	20.0
Heptadecane, 2,6,...	10.70	2.4	ng	84695	4	11.26	706807	20.0
1-Heneicosanol	13.76	2.5	ng	74122	5	13.90	581493	20.0
Dibenzylidene 4,4...	15.47	9.9	ng	289409	6	15.29	584196	20.0