LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

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-BF092016.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	3	5	22	rVB	103298	246619	8.28%	0.679%
2	2.947	115	119	125	rBV	92671	166780	5.60%	0.459%
3	4.536	255	258	267	rBV	350245	593995	19.94%	1.635%
4	5.027	298	301	303	rBV	2255683	2978259	100.00%	8.199%
5	6.125	394	397	400	rBV	2239943	2680298	90.00%	7.378%
6	6.227	404	406	409	rVB	2549065	2649790	88.97%	7.294%
7	6.456	424	426	429	rBV	627813	711018	23.87%	1.957%
8	6.616	437	440	443	rBV	2320637	2178513	73.15%	5.997%
9	7.039	474	477	479	rBV	1785213	1946412	65.35%	5.358%
10	7.290	496	499	500	rBV2	63949	64917	2.18%	0.179%
11	7.496	514	517	518	rBV	72310	104090	3.49%	0.287%
12	7.656	530	531	534	rVB	62253	78067	2.62%	0.215%
13	7.748	537	539	541	rBV	956736	933289	31.34%	2.569%
14	7.793	541	543	545	rVB	620083	570102	19.14%	1.569%
15	8.136	569	573	576	rBV2	17989	31215	1.05%	0.086%
16	8.468	600	602	603	rBV	135294	135579	4.55%	0.373%
17	8.559	608	610	614	rVB	88764	88275	2.96%	0.243%
18	8.708	621	623	625	rBV	67812	80716	2.71%	0.222%
19	8.833	631	634	637	rBV	2815457	2790657	93.70%	7.682%
20	9.005	648	649	654	rVB2	15971	33592	1.13%	0.092%
21	9.096	654	657	658	rBV	26960	38963	1.31%	0.107%
22	9.165	660	663	664	rVV	68228	73199	2.46%	0.202%
23	9.233	667	669	672	rVV	835760	772339	25.93%	2.126%
24	9.279	672	673	677	rVB2	27847	35724	1.20%	0.098%
25	9.359	677	680	682	rBV	93582	106187	3.57%	0.292%
26	9.462	687	689	690	rVV	44423	32531	1.09%	0.090%
27	9.496	690	692	694	rVV	1216116	1036914	34.82%	2.854%
28	9.531	694	695	697	rVB	70636	53075	1.78%	0.146%
29	9.702	708	710	712	rBV	45800	54231	1.82%	0.149%
30	9.816	718	720	721	rBV	31521	30828	1.04%	0.085%
31	9.908	726	728	730	rBV2	16752	38373	1.29%	0.106%
32	9.954	730	732	734	rVV2	66383	90886	3.05%	0.250%
33	10.034	738	739	743	rVB	52943	73647	2.47%	0.203%
34	10.171	748	751	755	rBV2	35240	90386	3.03%	0.249%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.285	758	761	763	rBV	1628485	1640154	55.07%	4.515%
36	10.434	770	774	777	rBV	89443	166154	5.58%	0.457%
37	10.719	797	799	803	rVB5	17227	43852	1.47%	0.121%
38	10.776	803	804	807	rVB2	34607	41511	1.39%	0.114%
39	10.868	810	812	814	rVB2	51159	77179	2.59%	0.212%
40	10.971	818	821	825	rBV2	762395	1351214	45.37%	3.720%
41	11.039	825	827	830	rVB	168102	161570	5.42%	0.445%
42	11.199	840	841	842	rBV	31396	40991	1.38%	0.113%
43	11.302	848	850	853	rVB2	40122	50938	1.71%	0.140%
44	11.462	862	864	866	rBV	70517	110950	3.73%	0.305%
45	11.497	866	867	869	rVV	137993	109293	3.67%	0.301%
46	11.542	869	871	872	rVV2	107659	167266	5.62%	0.460%
47	11.577	872	874	879	rVB2	154830	252486	8.48%	0.695%
48	11.657	879	881	884	rBV3	13451	38811	1.30%	0.107%
49	11.759	889	890	891	rBV	44779	46661	1.57%	0.128%
50	11.942	905	906	910	rVB	27488	34468	1.16%	0.095%
51	12.011	910	912	914	rBV	65415	96714	3.25%	0.266%
52	12.045	914	915	918	rVB	42774	49585	1.66%	0.136%
53	12.091	918	919	924	rBV2	55505	72394	2.43%	0.199%
54	12.171	924	926	928	rBV	850931	825196	27.71%	2.272%
55	12.262	933	934	936	rVB	42802	34392	1.15%	0.095%
56	12.308	936	938	942	rBV2	58776	114055	3.83%	0.314%
57	12.388	942	945	947	rBV	729681	800521	26.88%	2.204%
58	12.445	947	950	955	rVB4	37332	81337	2.73%	0.224%
59	12.514	955	956	957	rBV	41181	34683	1.16%	0.095%
60	12.560	957	960	962	rBV	1570604	2106935	70.74%	5.800%
61	12.617	962	965	969	rVB3	56873	79727	2.68%	0.219%
62	12.720	970	974	976	rVB2	106054	193618	6.50%	0.533%
63	12.788	978	980	981	rBV	110659	92977	3.12%	0.256%
64	12.822	981	983	987	rVB3	112037	137465	4.62%	0.378%
65	12.914	989	991	992	rVV	54491	45322	1.52%	0.125%
66	12.948	992	994	996	rVB2	38080	38643	1.30%	0.106%
67	13.222	1016	1018	1021	rVB2	41356	54028	1.81%	0.149%
68	13.268	1021	1022	1025	rVB2	37471	39515	1.33%	0.109%
69	13.337	1025	1028	1029	rBV	67353	108865	3.66%	0.300%
70	13.474	1038	1040	1044	rBV2	237638	344094	11.55%	0.947%
71	13.588	1046	1050	1054	rBV2	688281	1542557	51.79%	4.246%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.680	1056	1058	1061	rBV3	56535	107156	3.60%	0.295%
73	13.794	1066	1068	1071	rVV3	49136	86702	2.91%	0.239%
74	13.920	1076	1079	1081	rBV2	163063	242606	8.15%	0.668%
75	13.977	1081	1084	1085	rVV	50003	84744	2.85%	0.233%
76	14.103	1093	1095	1098	rBV3	189991	253934	8.53%	0.699%
77	14.514	1129	1131	1134	rBV2	222300	241325	8.10%	0.664%
78	14.571	1134	1136	1140	rBV	367876	652075	21.89%	1.795%
79	14.811	1155	1157	1159	rBV	224953	242523	8.14%	0.668%
80	14.857	1159	1161	1164	rVV	238012	268937	9.03%	0.740%
81	14.914	1164	1166	1170	rVV2	421415	578375	19.42%	1.592%
82	15.131	1184	1185	1187	rBV	91616	113800	3.82%	0.313%
83	15.325	1199	1202	1204	rBV	149654	254550	8.55%	0.701%
84	16.057	1264	1266	1273	rVB2	116991	240721	8.08%	0.663%
85	16.400	1294	1296	1300	rVB	88306	143788	4.83%	0.396%

Sum of corrected areas: 36326823

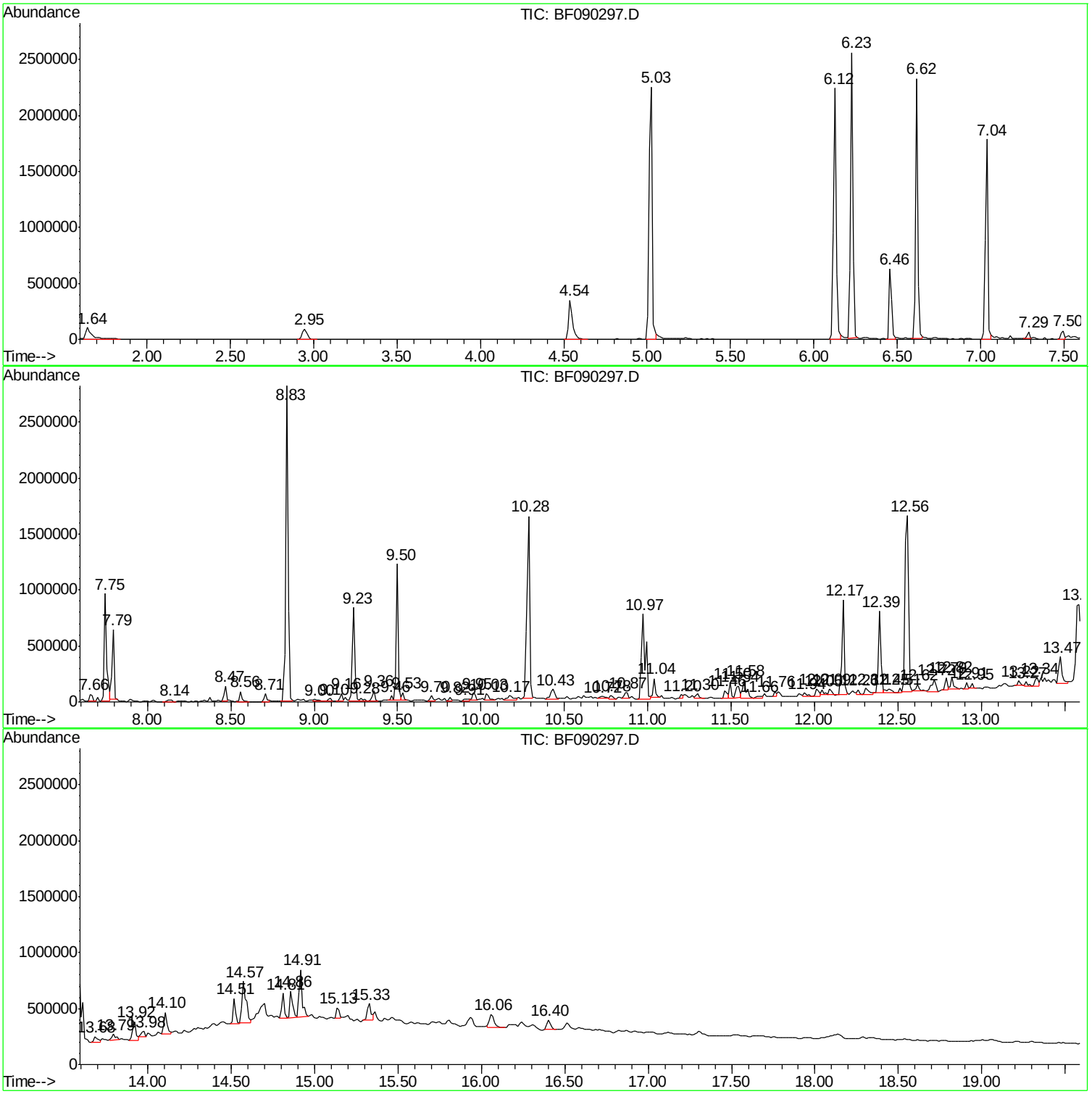
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

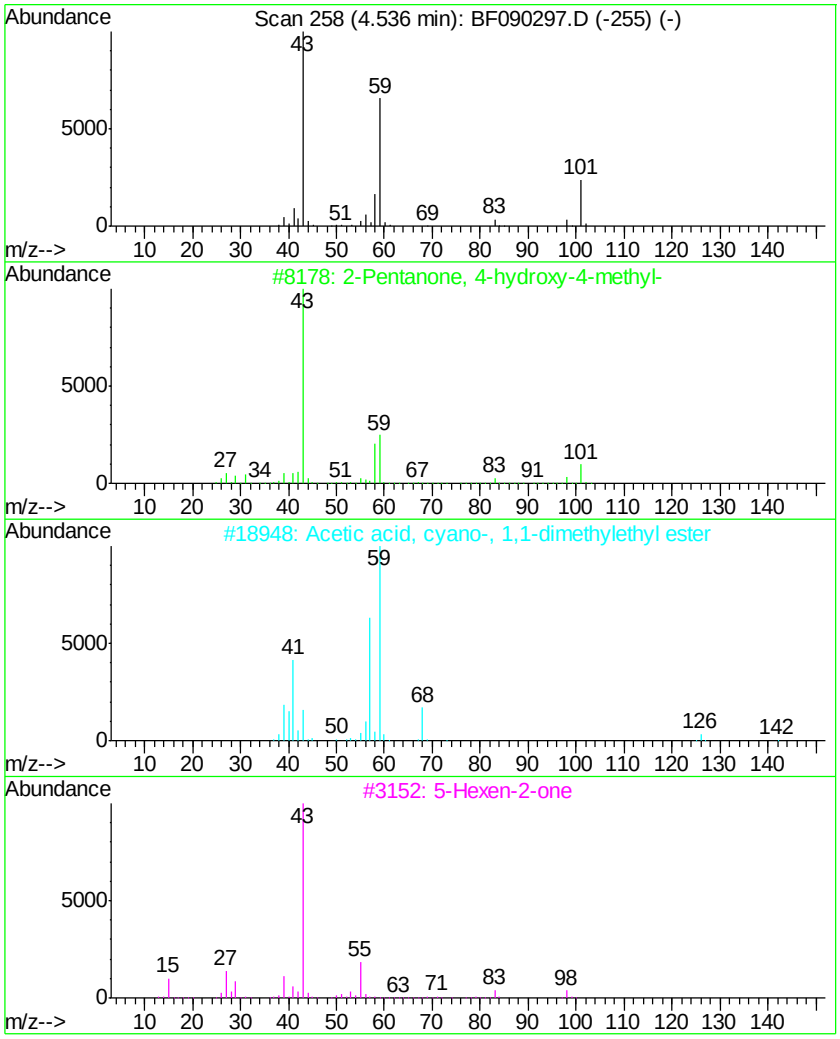
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

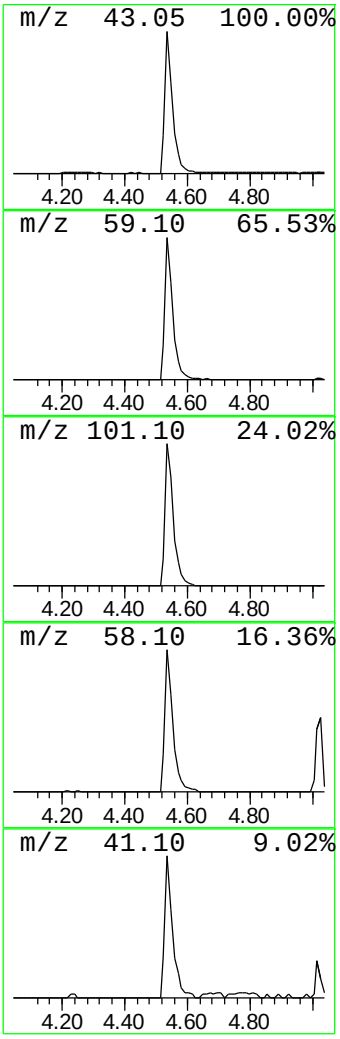
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	16.71 ng	593995	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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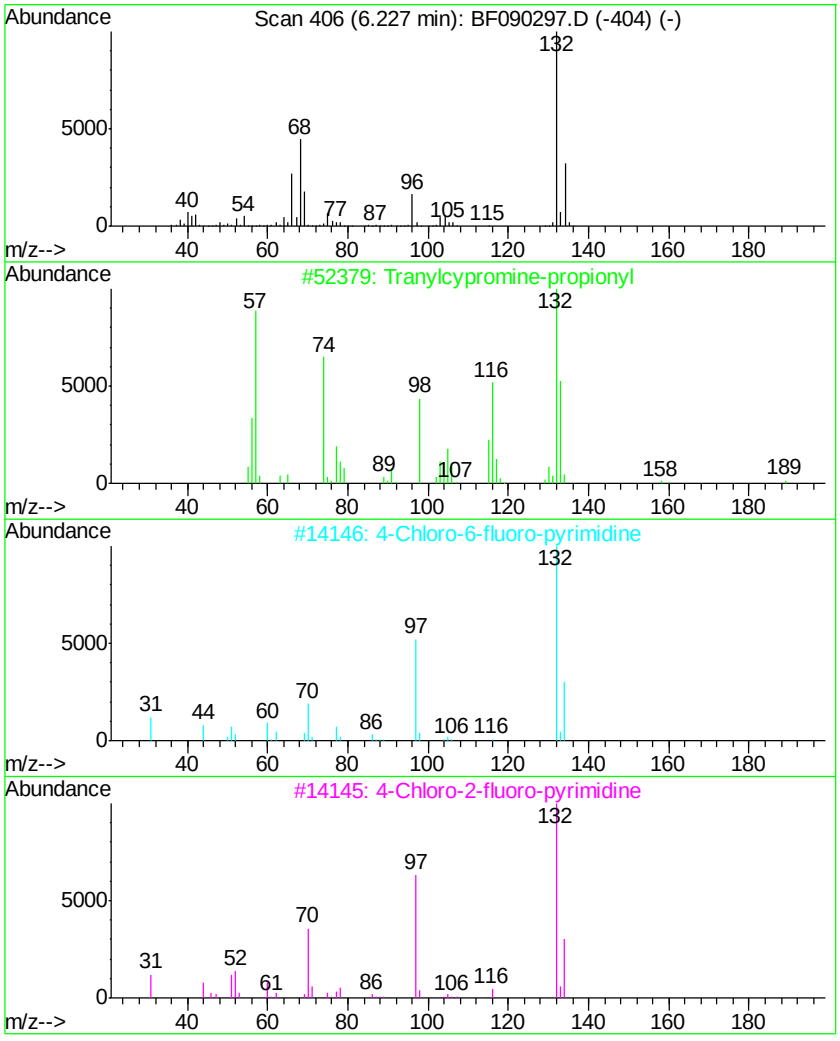
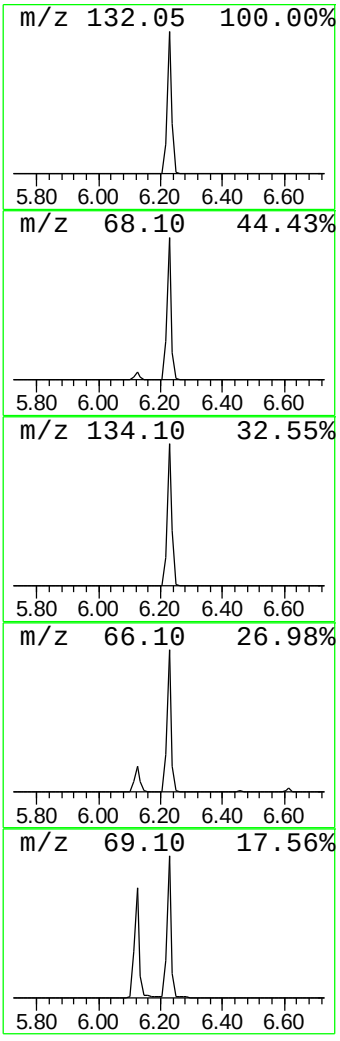
Peak Number 4 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	74.54 ng	2649790	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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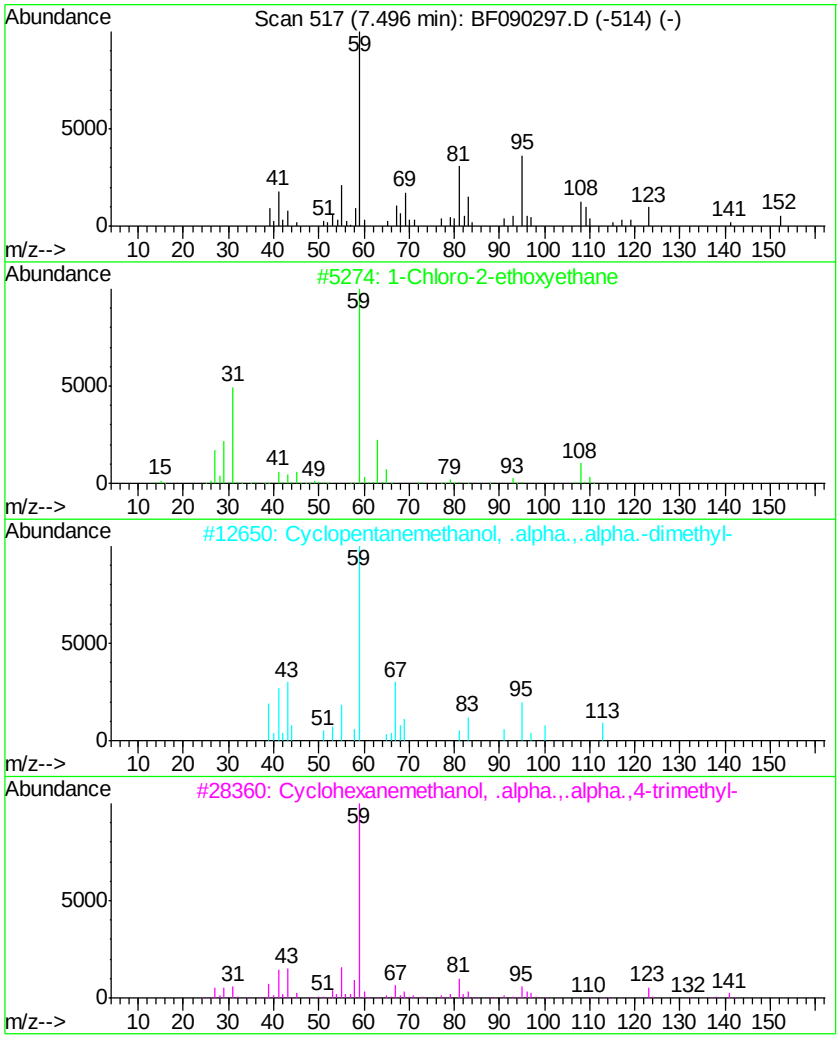
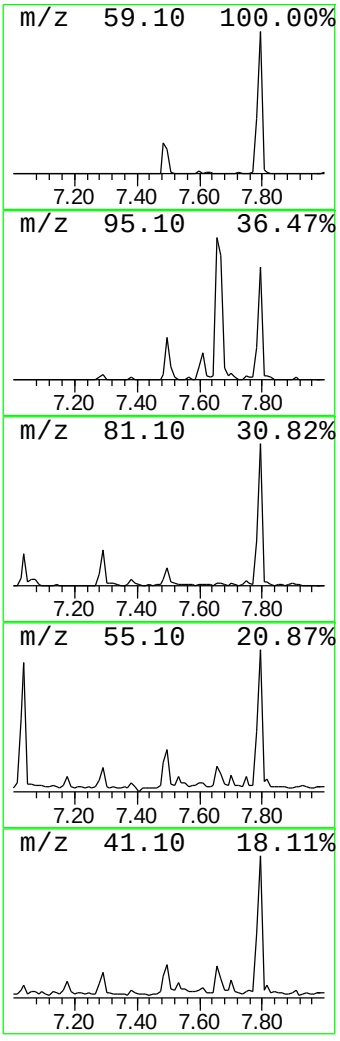
Peak Number 6 unknown7.50 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.23 ng	104090	Naphthalene-d8	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	49
2	Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	47
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	40
4	5-Hydroxy-4-hydroxymethyl-1-(1-h...	186	C10H18O3	087096-72-8	39
5	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
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Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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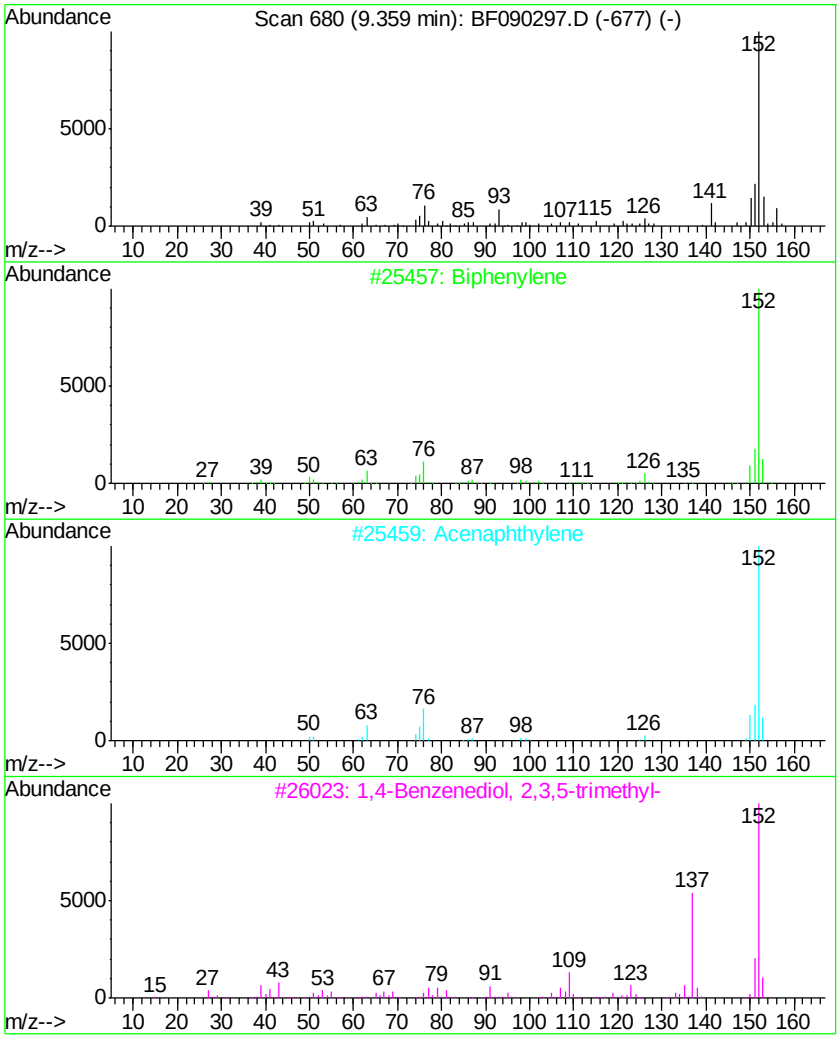
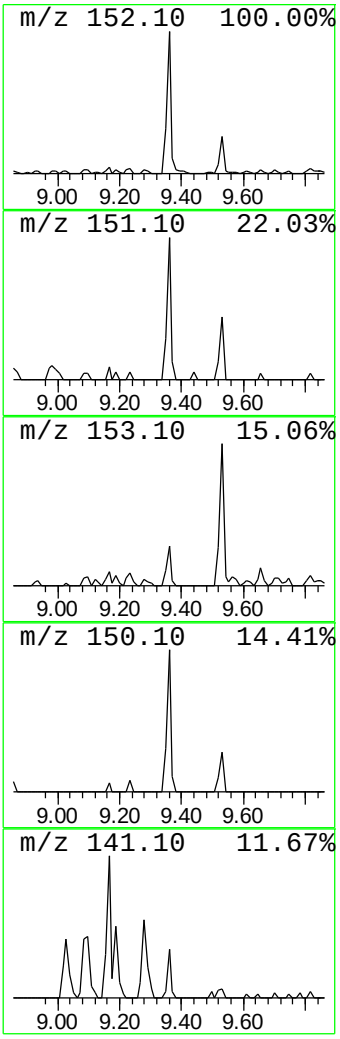
Peak Number 7 Biphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.05 ng	106187	Acenaphthene-d10	9.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Acenaphthylene	152	C12H8	000208-96-8	76
3	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	53
4	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	40
5	6a-Methyl-hexahydropentalene-1,6...	152	C9H12O2	092485-86-4	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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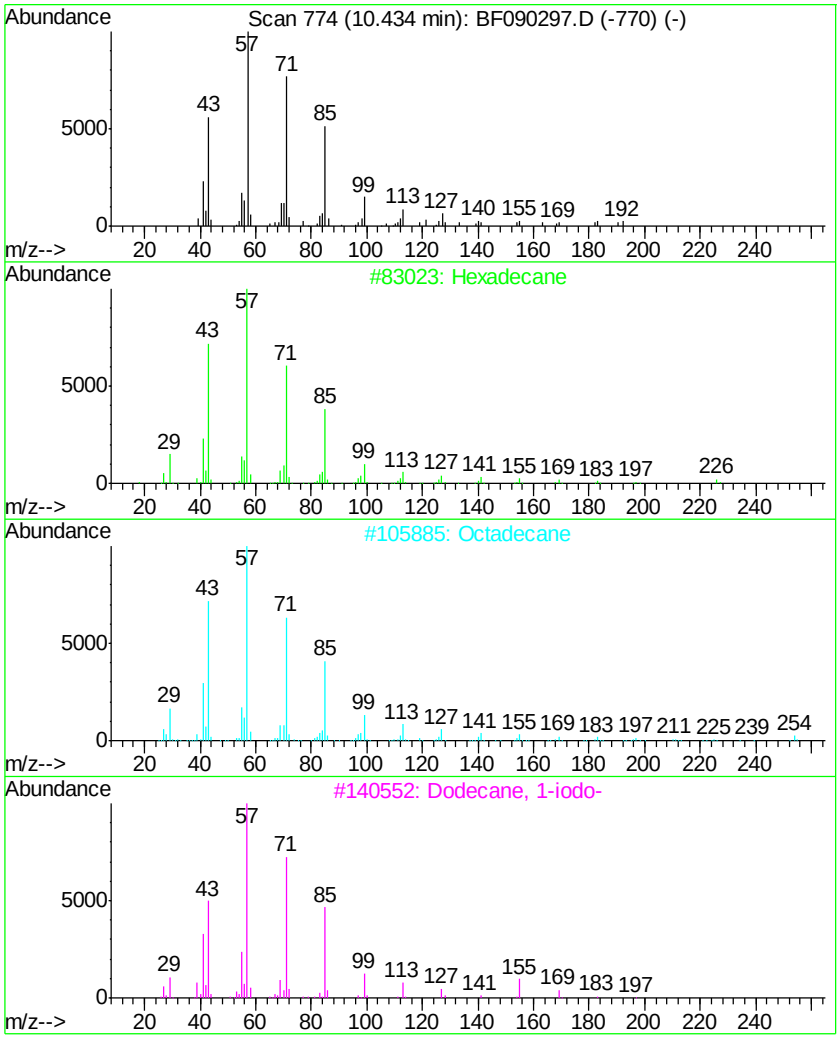
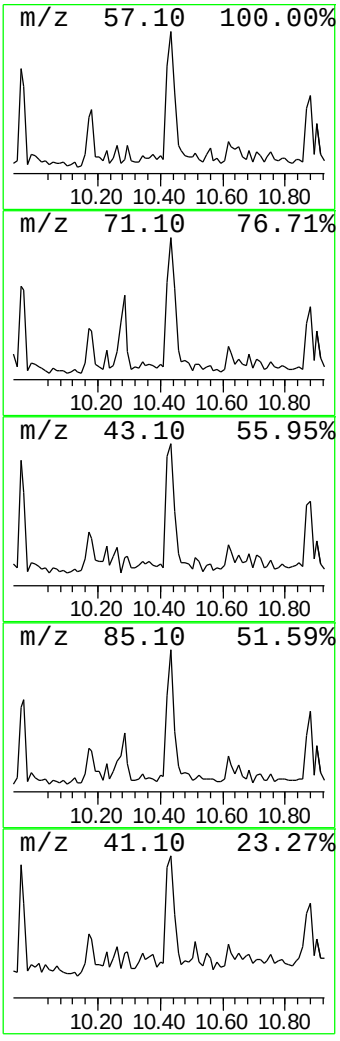
Peak Number 8 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.46 ng	166154	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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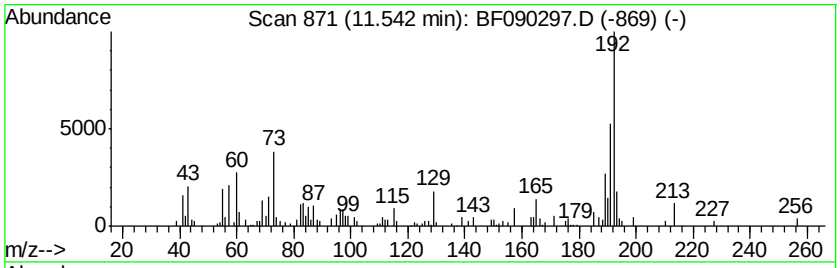
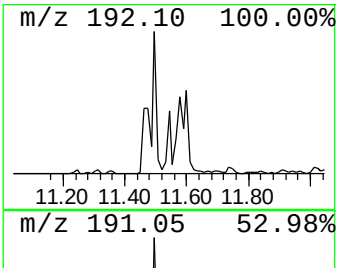
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.48 ng	167266	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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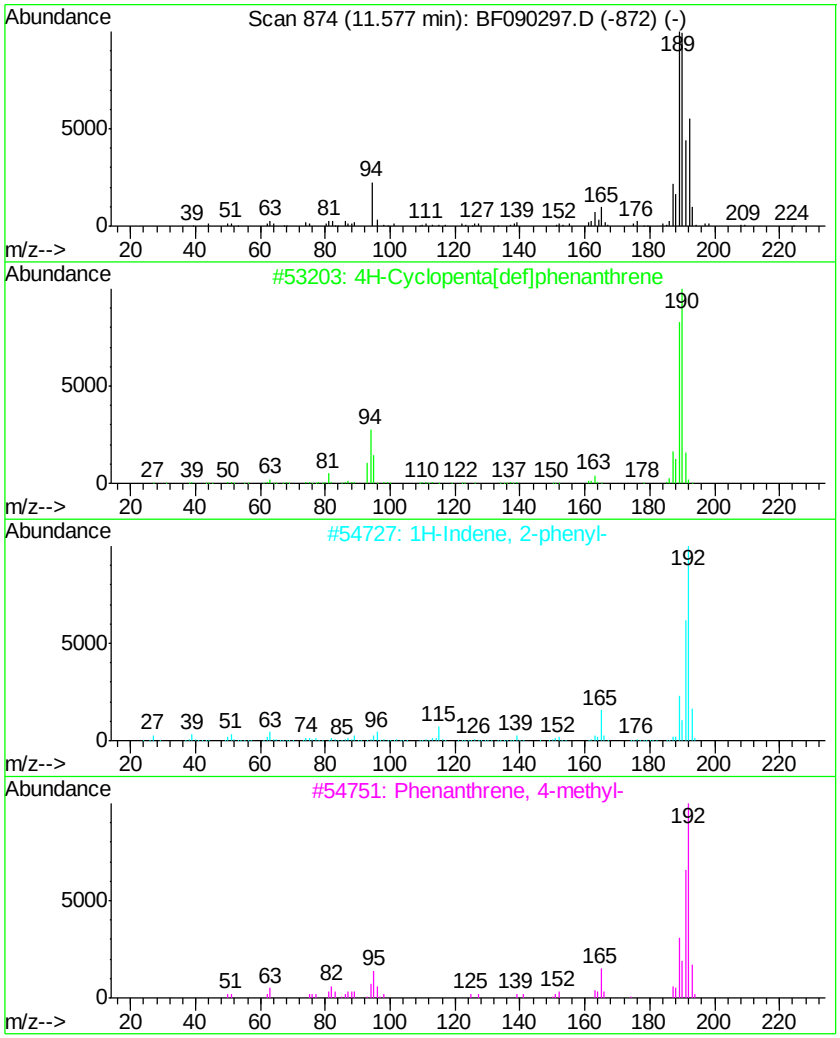
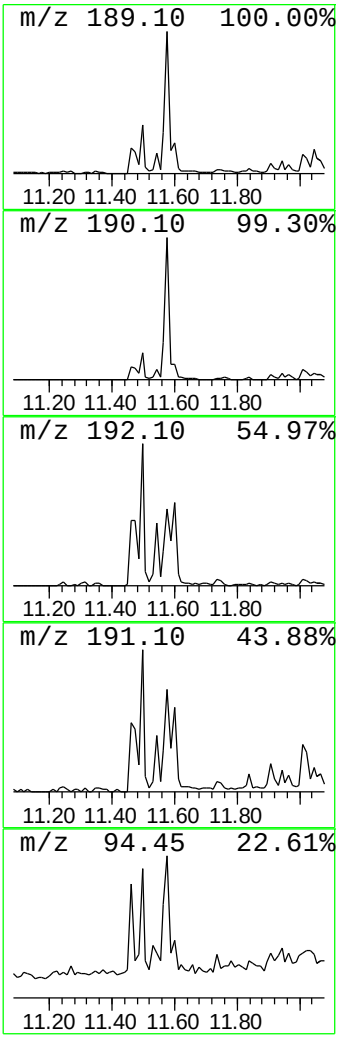
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.74 ng	252486	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25





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Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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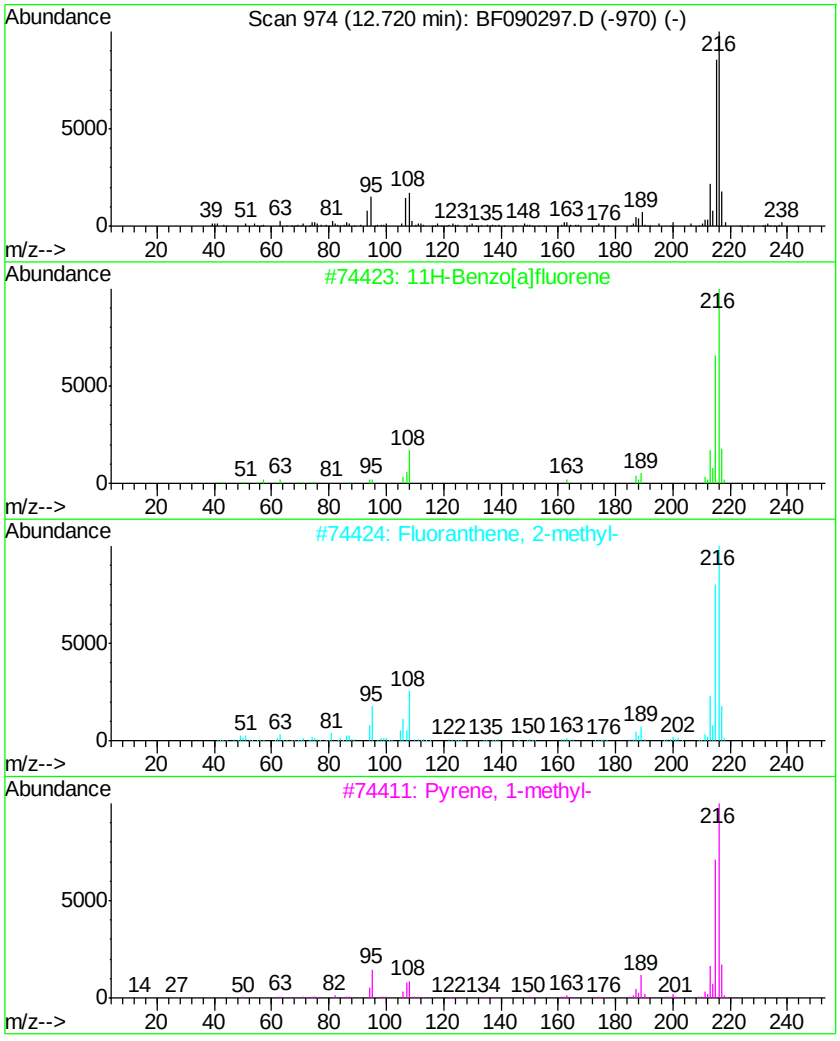
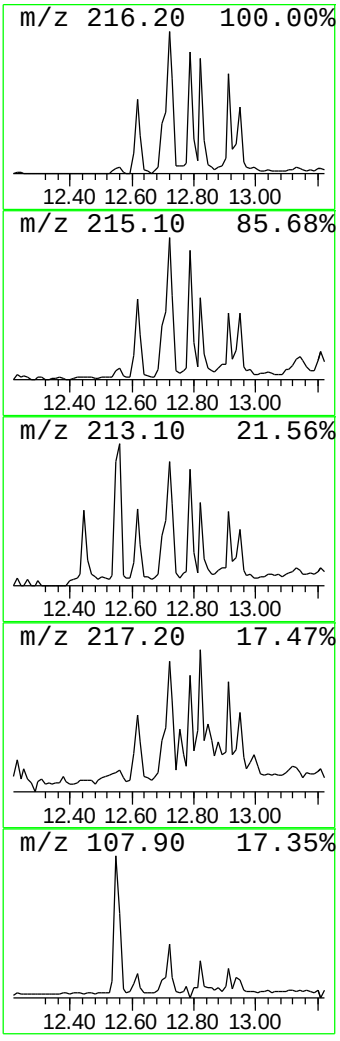
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.51 ng	193618	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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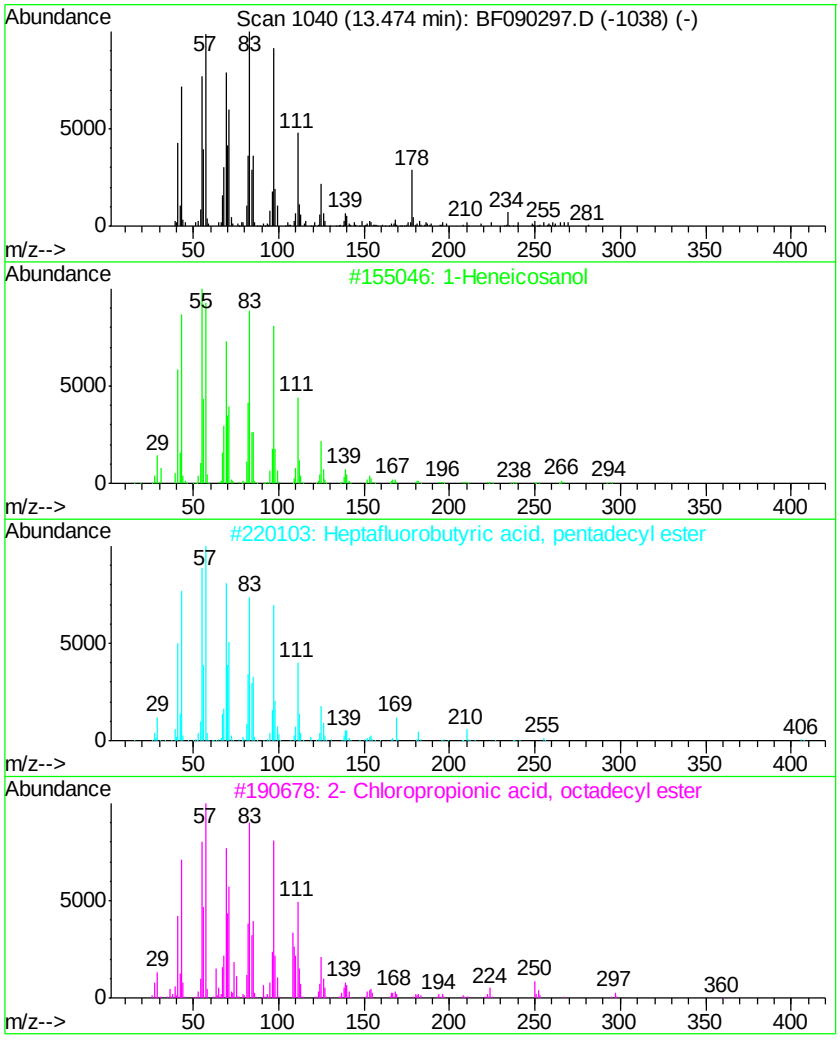
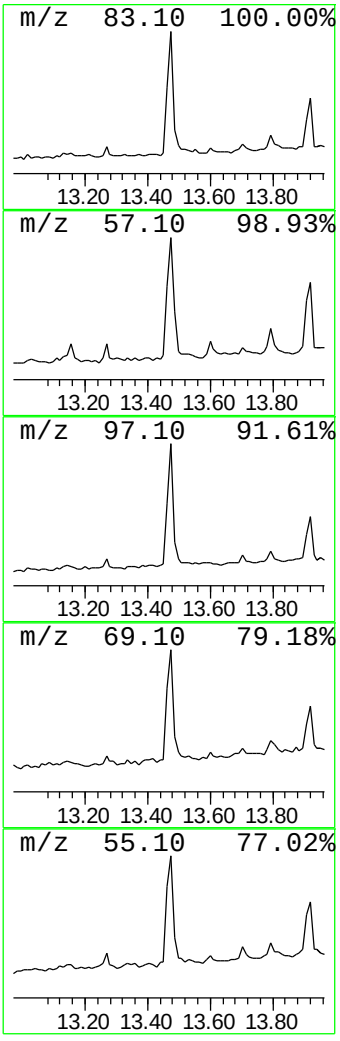
Peak Number 12 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.46 ng	344094	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





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Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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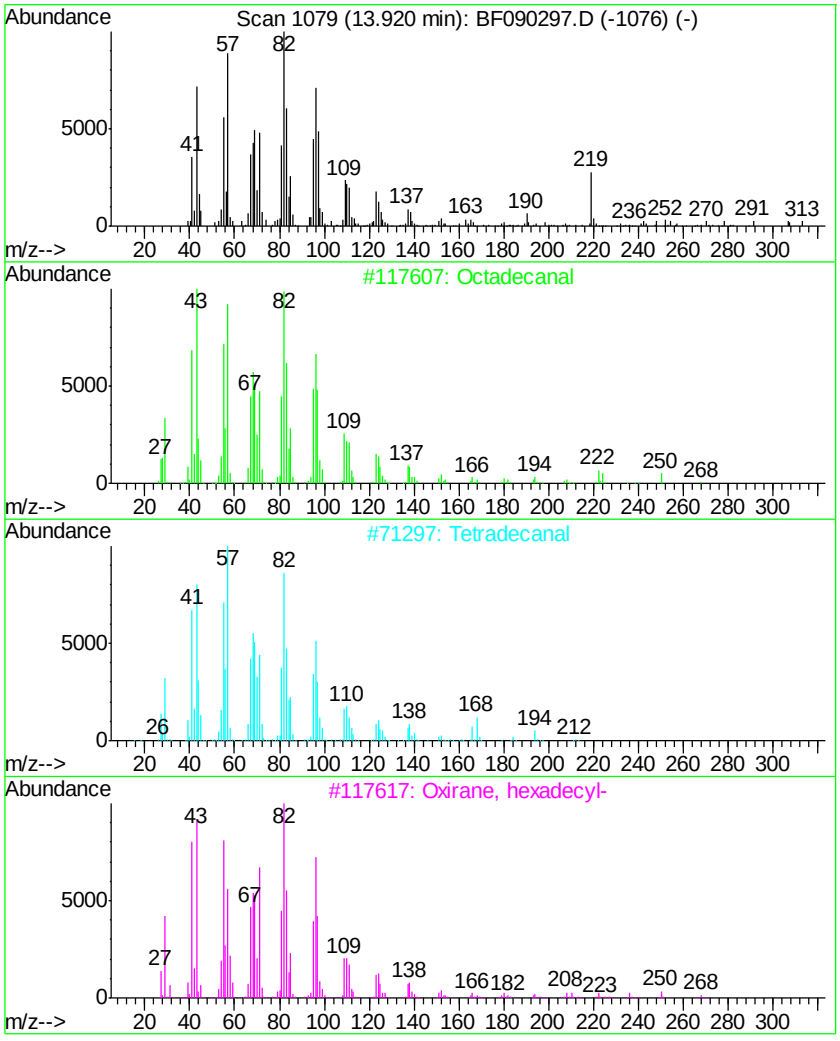
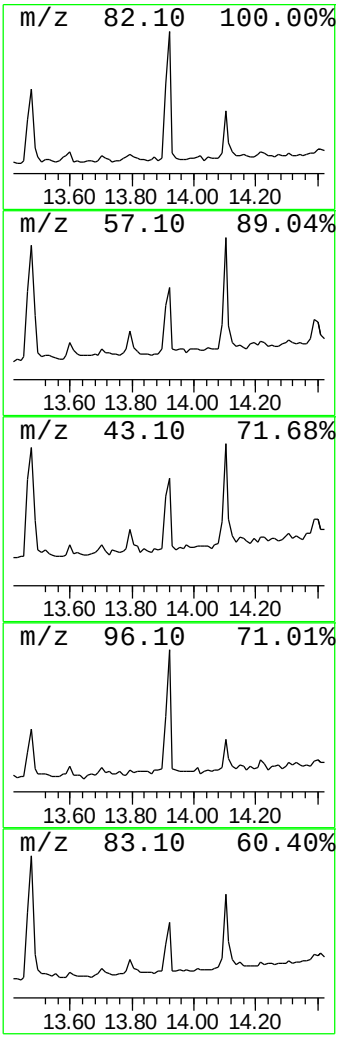
Peak Number 13 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.15 ng	242606	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Tetradecanal	212	C14H28O	000124-25-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





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Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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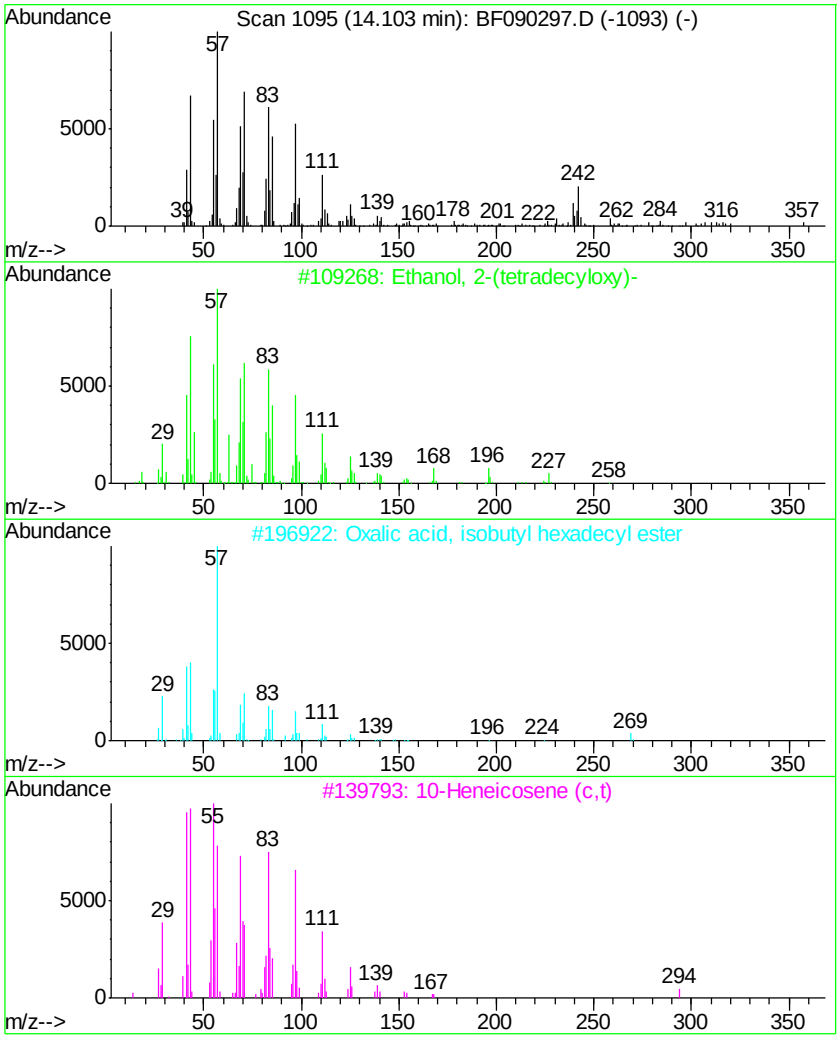
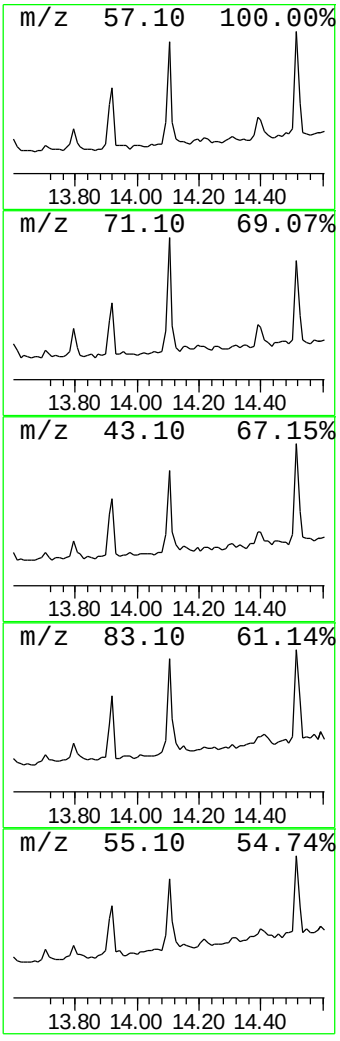
Peak Number 14 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.29 ng	253934	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	78
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	64
5	Cyclotetradecane	196	C14H28	000295-17-0	64





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Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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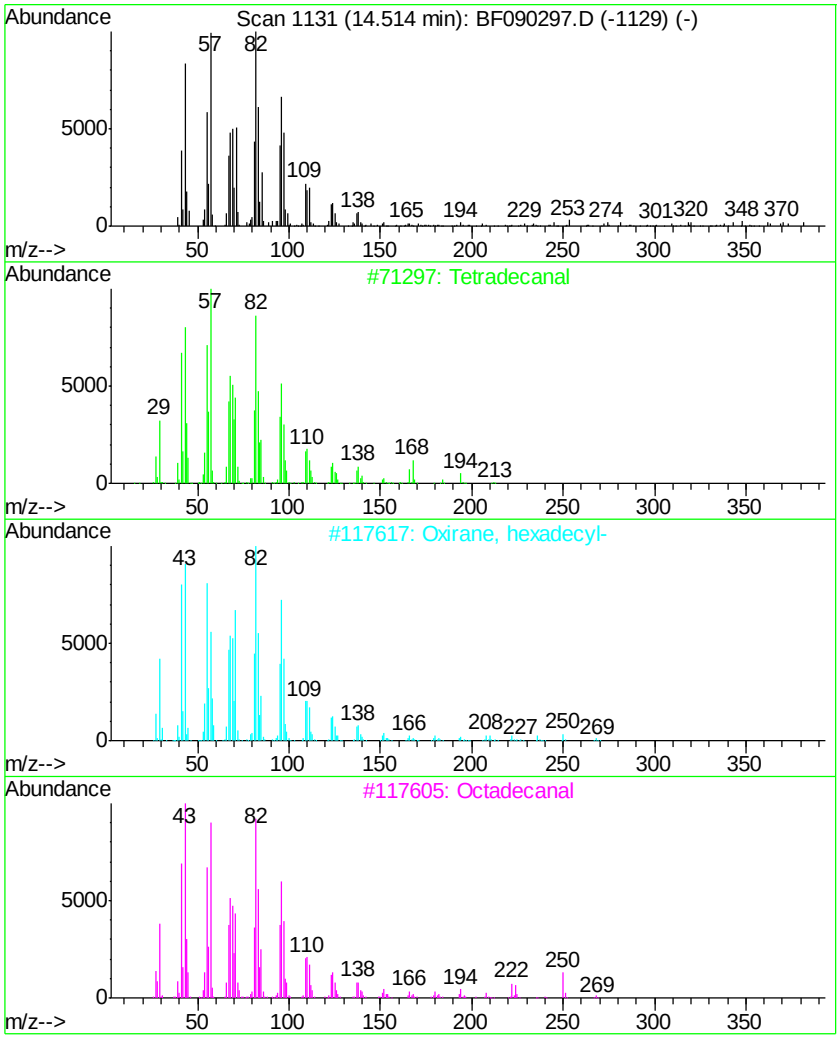
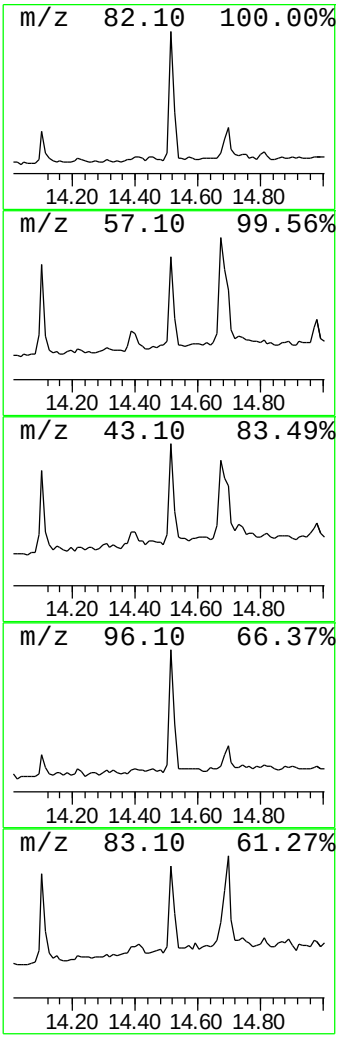
Peak Number 15 Tetradecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	8.34 ng	241325	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	17-Octadecenal	266	C18H34O	056554-86-0	90





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Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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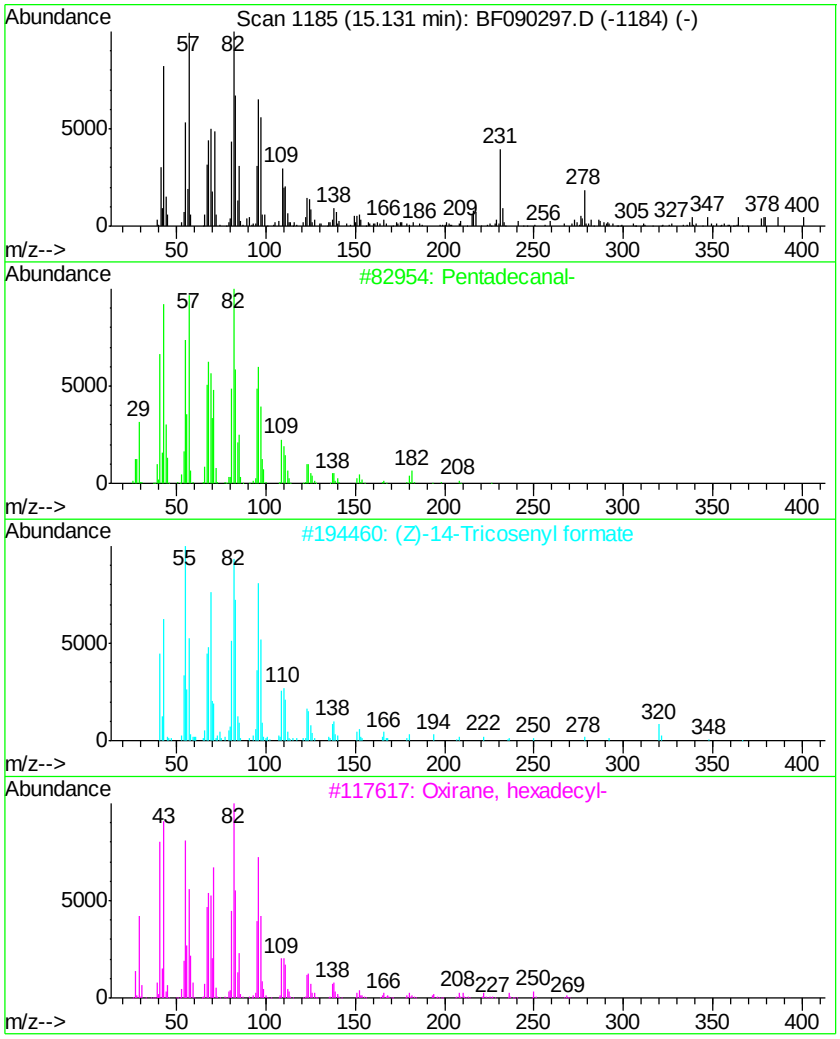
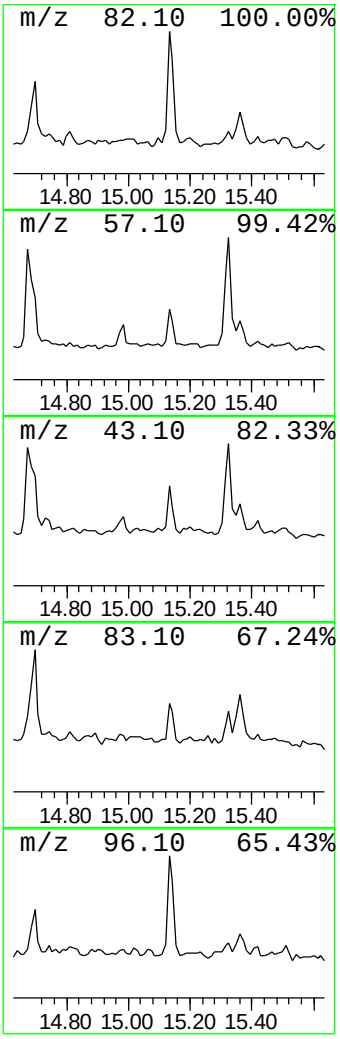
Peak Number 16 Pentadecanal- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.94 ng	113800	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	58
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	55
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	49
4	N1-(8-Methyl-8-azabicyclo[3.2.1]...	276	C16H21FN2O	247565-70-4	47
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	46





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Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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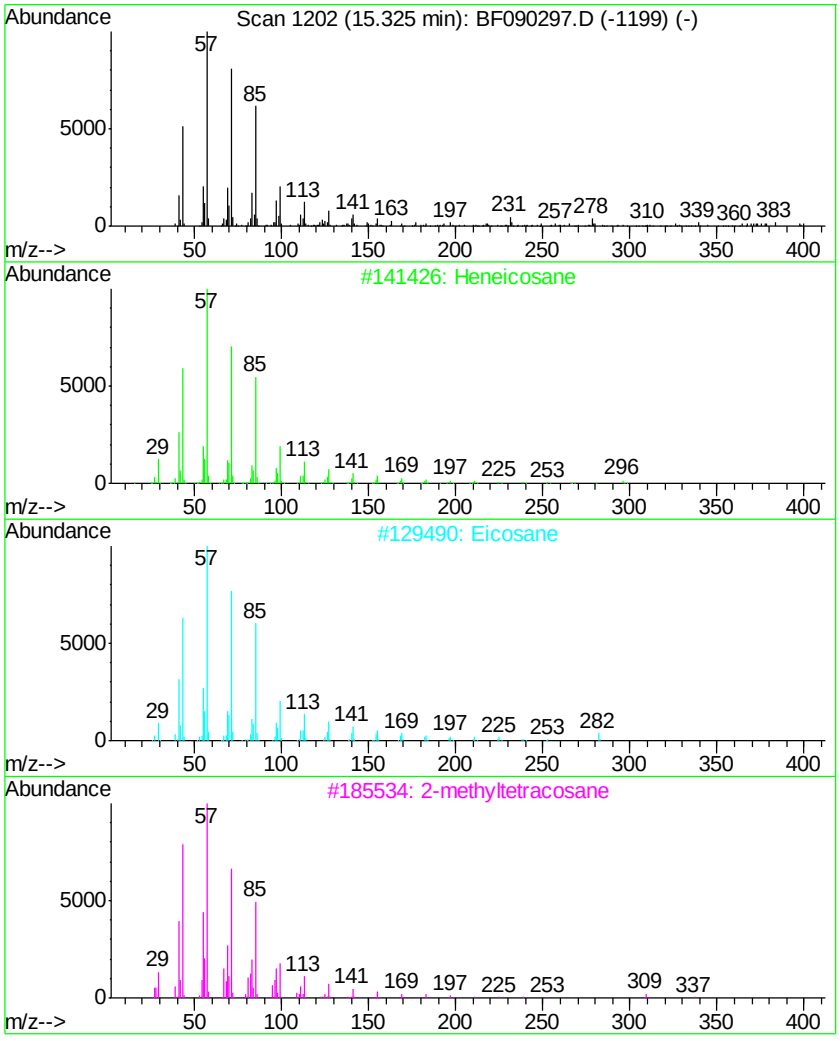
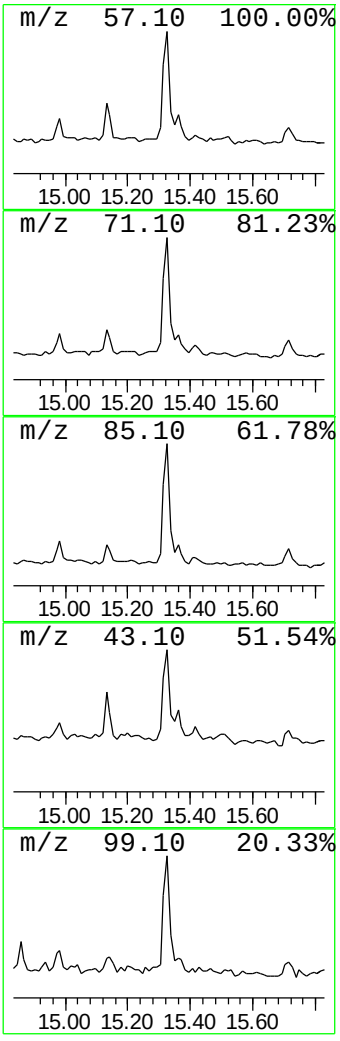
Peak Number 17 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	8.80 ng	254550	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	87
3	2-methyltetracosane	352	C25H52	1000376-72-6	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hentriacontane	437	C31H64	000630-04-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090297.D
Acq On : 29 Sep 2016 18:49
Operator : UM/SJ
Sample : H4982-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-29

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.54	16.7	ng	593995	1	6.46	711018	20.0
unknown6.23	6.23	74.5	ng	2649790	1	6.46	711018	20.0
unknown7.50	7.50	2.2	ng	104090	2	7.75	933289	20.0
Biphenylene	9.36	2.0	ng	106187	3	9.50	1036910	20.0
Hexadecane	10.43	2.5	ng	166154	4	10.97	1351210	20.0
Anthracene, 2-met...	11.54	2.5	ng	167266	4	10.97	1351210	20.0
4H-Cyclopenta[def...	11.58	3.7	ng	252486	4	10.97	1351210	20.0
11H-Benzo[a]fluorene	12.72	2.5	ng	193618	5	13.59	1542560	20.0
1-Heneicosanol	13.47	4.5	ng	344094	5	13.59	1542560	20.0
Octadecanal	13.92	3.1	ng	242606	5	13.59	1542560	20.0
Ethanol, 2-(tetra...	14.10	3.3	ng	253934	5	13.59	1542560	20.0
Tetradecanal	14.51	8.3	ng	241325	6	14.91	578375	20.0
Pentadecanal-	15.13	3.9	ng	113800	6	14.91	578375	20.0
Heneicosane	15.33	8.8	ng	254550	6	14.91	578375	20.0