LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089714.D
Acq On : 11 Aug 2016 00:53
Operator : UM/SJ
Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

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-BF080416.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	4.604	261	264	278	rBV	138392	313264	24.52%	1.584%
2	5.301	323	325	347	rBV	528762	1074537	84.12%	5.434%
3	5.884	373	376	381	rBV	8708	14401	1.13%	0.073%
4	6.970	468	471	477	rBV	570481	1055407	82.63%	5.338%
5	7.062	477	479	491	rVB	868059	1277342	100.00%	6.460%
6	7.404	506	509	516	rBV	182131	254728	19.94%	1.288%
7	7.633	527	529	542	rBV	523278	853765	66.84%	4.318%
8	8.319	586	589	598	rBV	394775	651896	51.04%	3.297%
9	8.445	598	600	604	rVB	7244	14577	1.14%	0.074%
10	9.427	684	686	689	rBV	280074	351110	27.49%	1.776%
11	10.239	754	757	760	rBV	17678	25287	1.98%	0.128%
12	10.468	770	777	778	rBV3	5502	15447	1.21%	0.078%
13	10.513	780	781	784	rVV2	13632	20346	1.59%	0.103%
14	10.593	786	788	793	rVV2	13118	30487	2.39%	0.154%
15	10.673	793	795	797	rVV	10421	14712	1.15%	0.074%
16	10.742	798	801	805	rVB	13412	22407	1.75%	0.113%
17	10.970	819	821	823	rBV	20973	27894	2.18%	0.141%
18	11.108	830	833	835	rBV	10492	14656	1.15%	0.074%
19	11.176	835	839	840	rBV2	12284	28376	2.22%	0.144%
20	11.211	840	842	845	rBV	925175	1079047	84.48%	5.457%
21	11.439	859	862	865	rVB3	38021	69817	5.47%	0.353%
22	11.508	865	868	870	rBV3	18093	31075	2.43%	0.157%
23	11.553	870	872	875	rVB2	8843	17412	1.36%	0.088%
24	11.622	875	878	881	rBV2	11203	23261	1.82%	0.118%
25	11.702	881	885	886	rBV2	13052	21371	1.67%	0.108%
26	11.736	886	888	890	rVV2	13767	22639	1.77%	0.114%
27	11.782	890	892	894	rVB3	16468	27682	2.17%	0.140%
28	11.862	894	899	900	rBV	21190	47389	3.71%	0.240%
29	11.896	900	902	905	rVV	168614	257665	20.17%	1.303%
30	11.953	905	907	909	rVB	85247	104250	8.16%	0.527%
31	11.999	909	911	912	rBV	14442	21263	1.66%	0.108%
32	12.033	912	914	918	rVB2	19889	46247	3.62%	0.234%
33	12.113	918	921	925	rVB3	24684	56084	4.39%	0.284%
34	12.216	925	930	931	rBV	18687	37455	2.93%	0.189%

LSC Area Percent Report

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Acq On : 11 Aug 2016 00:53
Operator : UM/SJ
Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.251	931	933	936	rVV	274506	367111	28.74%	1.857%
36	12.296	936	937	944	rVB4	68584	128833	10.09%	0.652%
37	12.468	949	952	955	rVB4	14377	28106	2.20%	0.142%
38	12.525	955	957	960	rBV2	18246	29212	2.29%	0.148%
39	12.594	960	963	965	rBV2	17949	44322	3.47%	0.224%
40	12.674	968	970	972	rBV2	21906	40640	3.18%	0.206%
41	12.719	972	974	976	rVB	32474	39479	3.09%	0.200%
42	12.788	976	980	981	rBV2	30480	70994	5.56%	0.359%
43	12.822	981	983	986	rVB	36885	57956	4.54%	0.293%
44	12.959	993	995	997	rBV3	10502	21197	1.66%	0.107%
45	13.028	999	1001	1003	rVB	14627	19896	1.56%	0.101%
46	13.119	1006	1009	1010	rVV	58944	86590	6.78%	0.438%
47	13.165	1010	1013	1017	rVB4	36212	105860	8.29%	0.535%
48	13.234	1017	1019	1020	rBV2	12297	20186	1.58%	0.102%
49	13.371	1029	1031	1033	rVB2	17781	23676	1.85%	0.120%
50	13.416	1033	1035	1037	rBV2	22218	39542	3.10%	0.200%
51	13.474	1037	1040	1042	rVV	138257	220359	17.25%	1.114%
52	13.542	1044	1046	1050	rVV	325895	508734	39.83%	2.573%
53	13.611	1050	1052	1056	rVB3	48705	94107	7.37%	0.476%
54	13.702	1058	1060	1062	rVB2	13701	18878	1.48%	0.095%
55	13.771	1062	1066	1070	rBV5	35632	94188	7.37%	0.476%
56	13.851	1071	1073	1074	rBV	14953	21876	1.71%	0.111%
57	13.908	1074	1078	1081	rBV	214346	396809	31.07%	2.007%
58	14.057	1087	1091	1092	rBV2	28874	77020	6.03%	0.390%
59	14.205	1102	1104	1105	rVB	24092	29938	2.34%	0.151%
60	14.251	1106	1108	1111	rVB3	24694	46296	3.62%	0.234%
61	14.308	1111	1113	1115	rBV2	12777	16466	1.29%	0.083%
62	14.388	1118	1120	1122	rVB	26271	27332	2.14%	0.138%
63	14.434	1122	1124	1126	rBV3	18620	36038	2.82%	0.182%
64	14.479	1126	1128	1131	rVB	25879	39167	3.07%	0.198%
65	14.651	1138	1143	1145	rBV2	259662	593474	46.46%	3.001%
66	14.685	1145	1146	1150	rVV	420073	540450	42.31%	2.733%
67	14.777	1151	1154	1158	rVB	69523	117216	9.18%	0.593%
68	15.222	1191	1193	1197	rVB	50559	95956	7.51%	0.485%
69	15.302	1197	1200	1203	rBV2	51049	81611	6.39%	0.413%
70	15.451	1211	1213	1215	rVB	59805	64980	5.09%	0.329%
71	15.497	1215	1217	1221	rBV	89886	154655	12.11%	0.782%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

Integration Parameters: rteint.p
Integrator: RTE
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72	15.600	1224	1226	1228	rVV2	82971	125263	9.81%	0.633%
73	15.645	1228	1230	1237	rVB4	54432	134729	10.55%	0.681%
74	15.908	1251	1253	1255	rBV	99594	147487	11.55%	0.746%
75	16.262	1282	1284	1286	rBV	77848	110365	8.64%	0.558%
76	16.308	1286	1288	1290	rVV	78695	119674	9.37%	0.605%
77	16.468	1299	1302	1305	rBV	791678	971179	76.03%	4.912%
78	16.765	1325	1328	1331	rBV	669328	971879	76.09%	4.915%
79	16.891	1337	1339	1341	rVB	46275	60061	4.70%	0.304%
80	16.960	1343	1345	1347	rVV	55693	59642	4.67%	0.302%
81	17.028	1348	1351	1355	rVB	596526	781593	61.19%	3.953%
82	17.325	1375	1377	1379	rBV	41728	50562	3.96%	0.256%
83	17.371	1379	1381	1384	rVV3	55441	104969	8.22%	0.531%
84	17.485	1389	1391	1393	rBV	61086	85902	6.73%	0.434%
85	18.045	1437	1440	1441	rBV	65839	119593	9.36%	0.605%
86	18.366	1465	1468	1470	rBV2	399161	821328	64.30%	4.154%
87	18.400	1470	1471	1474	rVV	389306	386146	30.23%	1.953%
88	18.491	1477	1479	1481	rBV2	59930	65953	5.16%	0.334%
89	18.868	1510	1512	1514	rVB	54969	51752	4.05%	0.262%
90	19.463	1562	1564	1567	rBV2	56719	81639	6.39%	0.413%
91	19.634	1576	1579	1584	rBV	363834	757903	59.33%	3.833%
92	19.920	1602	1604	1607	rBV	208219	244676	19.16%	1.237%
93	19.977	1607	1609	1612	rVV	263881	343835	26.92%	1.739%
94	20.034	1612	1614	1621	rVB2	226710	379450	29.71%	1.919%
95	21.223	1715	1718	1722	rVB	118924	238639	18.68%	1.207%
96	21.554	1745	1747	1757	rVB	105189	236546	18.52%	1.196%

Sum of corrected areas: 19773211

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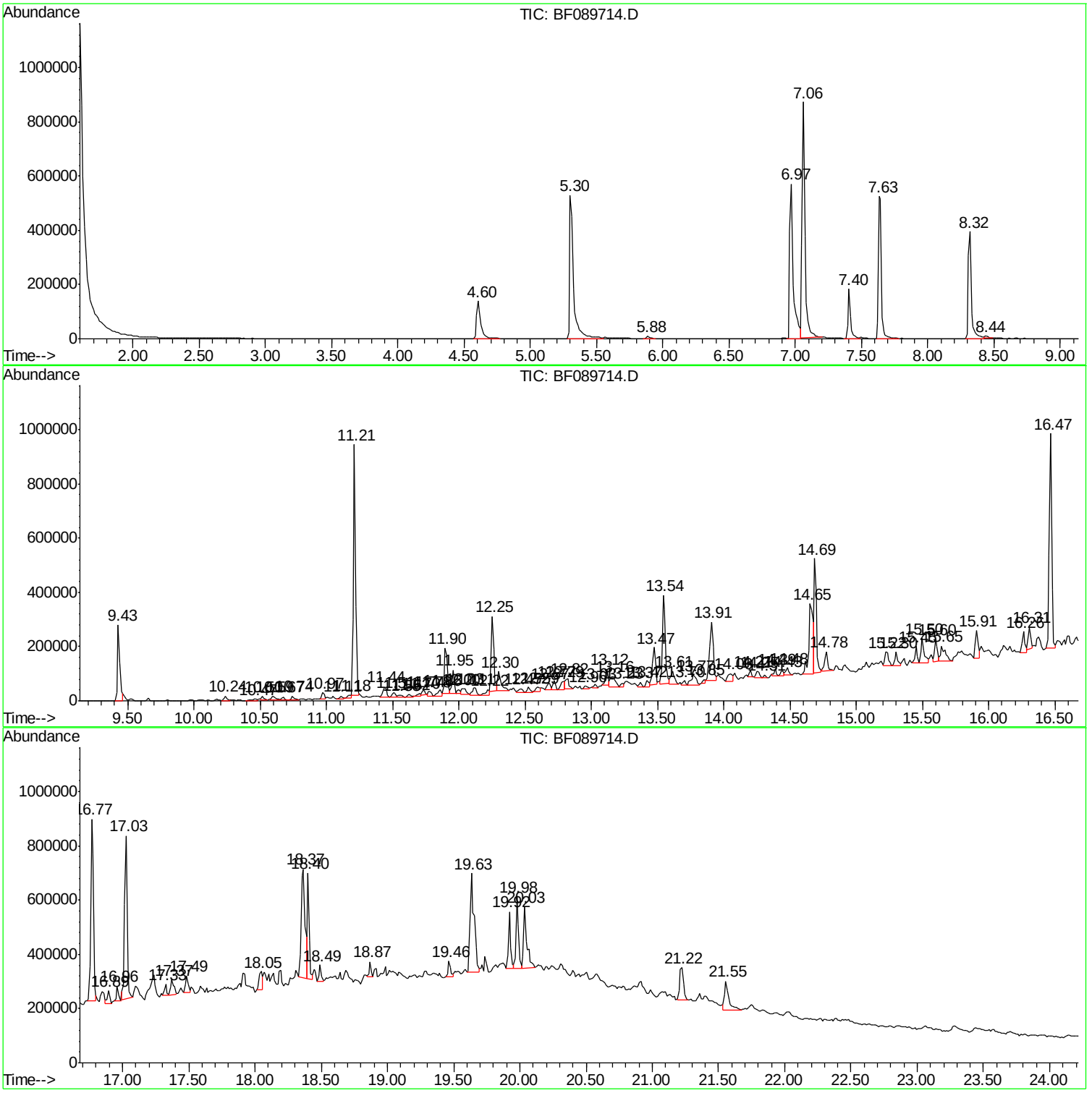
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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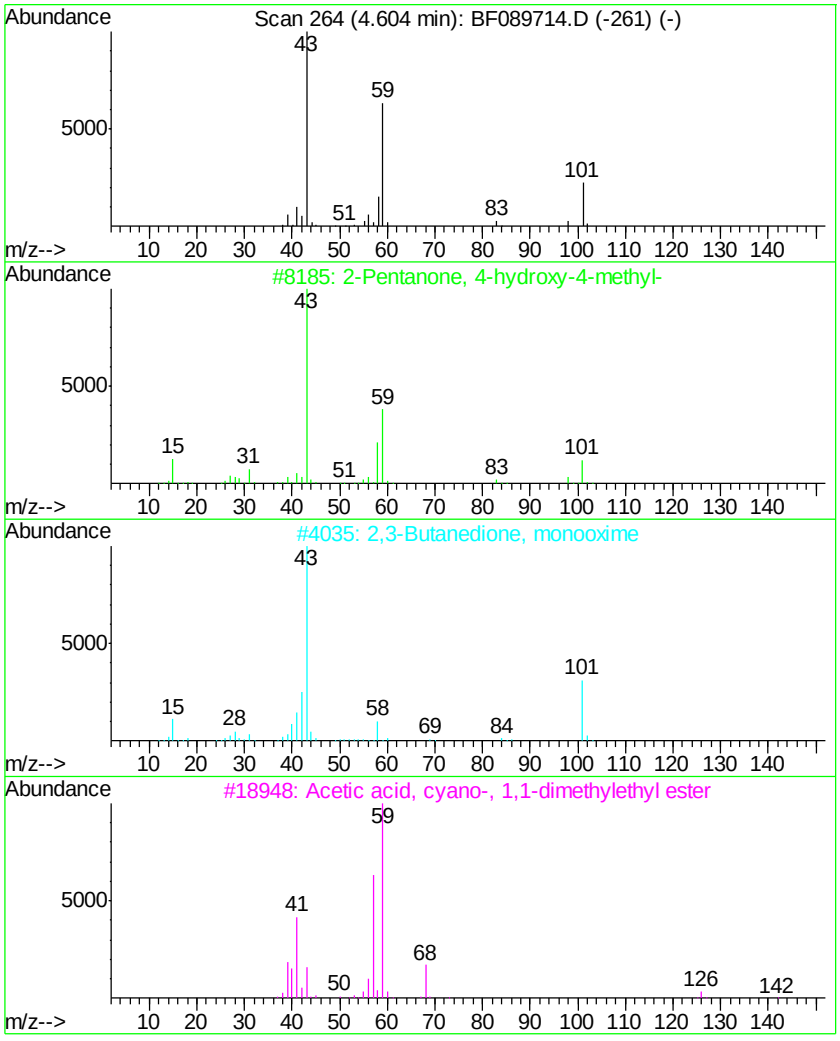
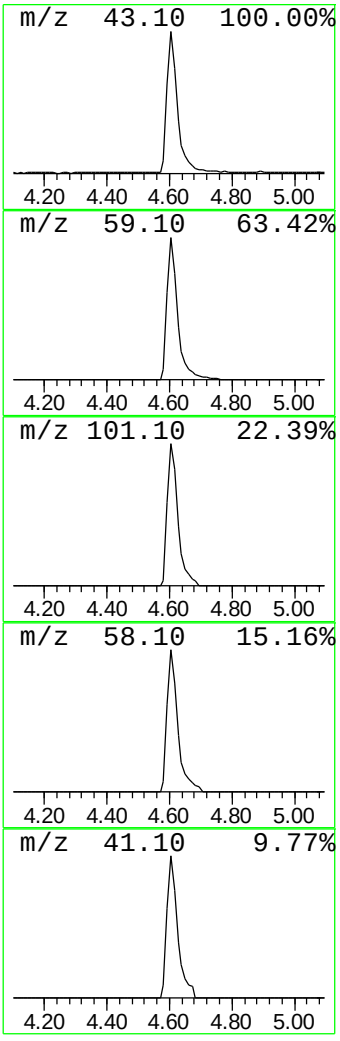
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	24.60 ng	313264	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Operator : UM/SJ
Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

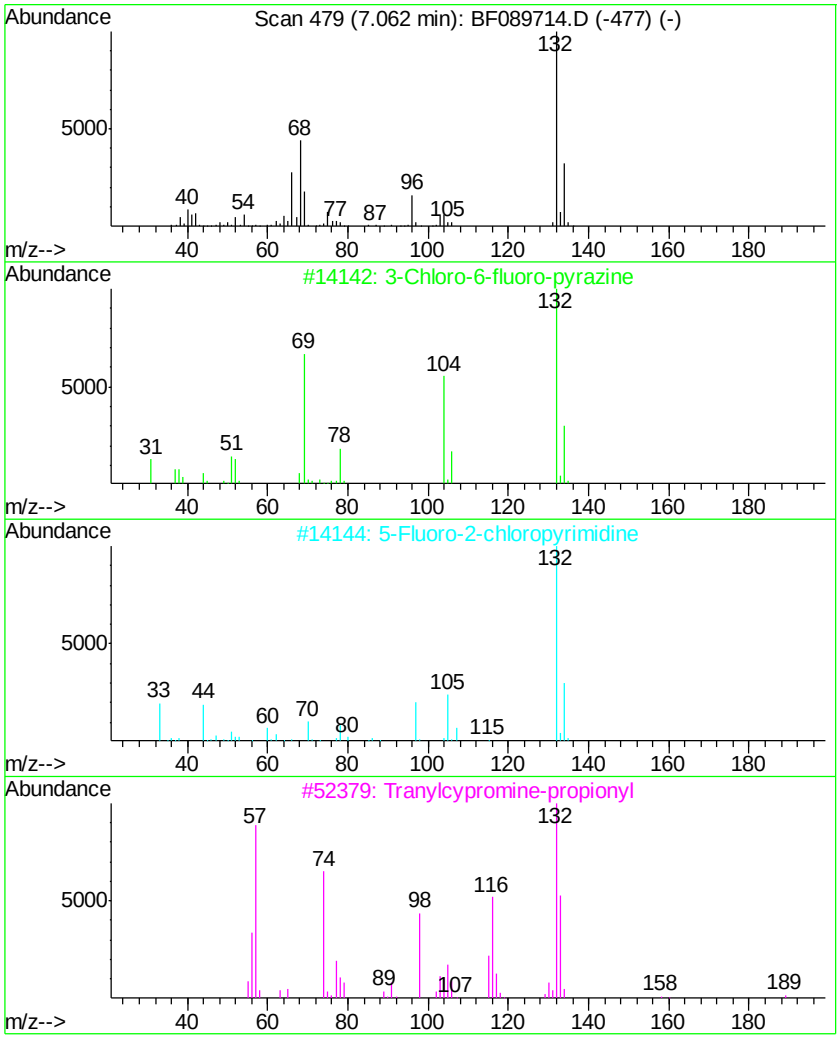
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

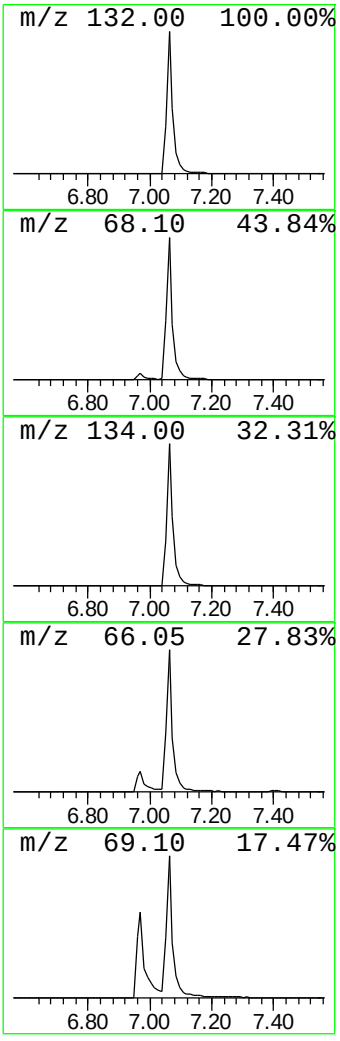
****

Peak Number 2 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	100.29 ng	1277340	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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TIC Library : C:\Database\NIST11.L
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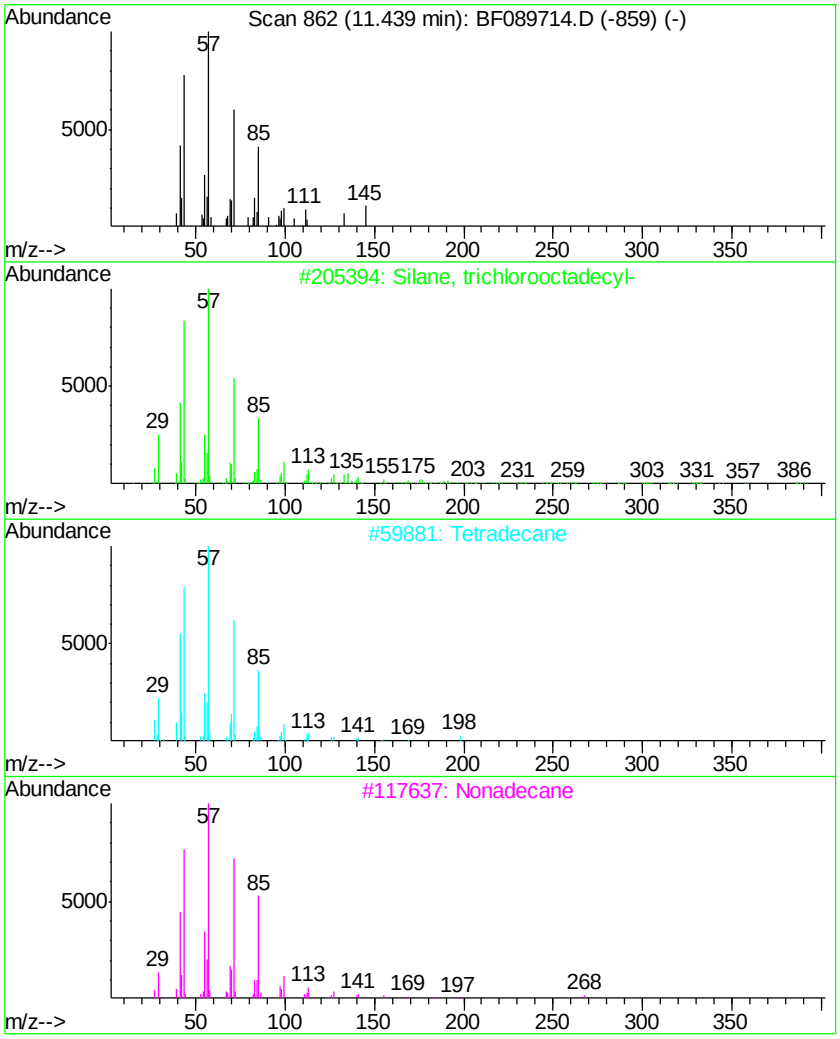
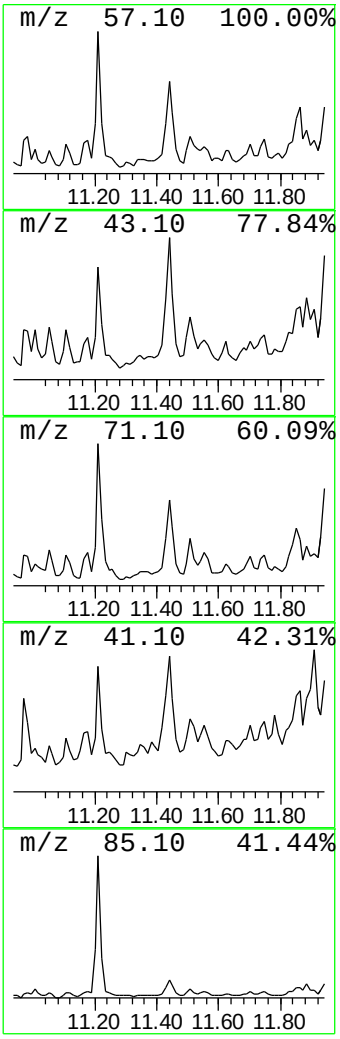
****

Peak Number 4 Silane, trichlorooctadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.80 ng	69817	Acenaphthene-d10	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
2	Tetradecane	198	C14H30	000629-59-4	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane	184	C13H28	000629-50-5	64





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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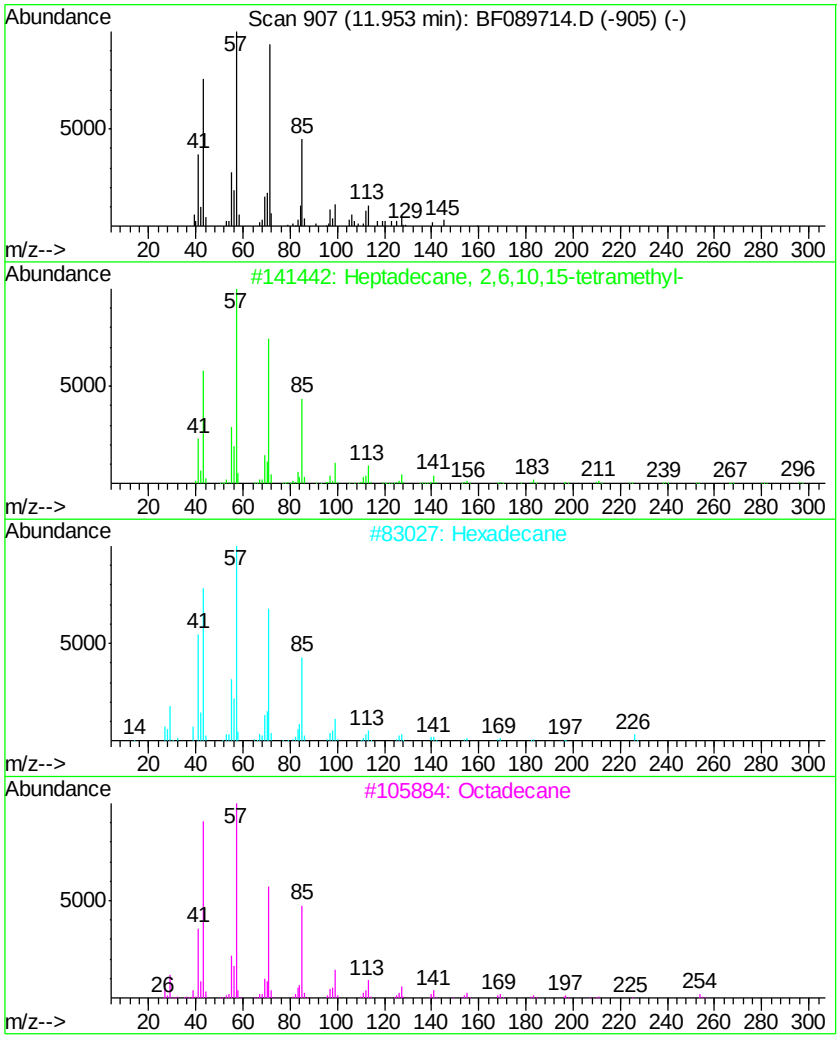
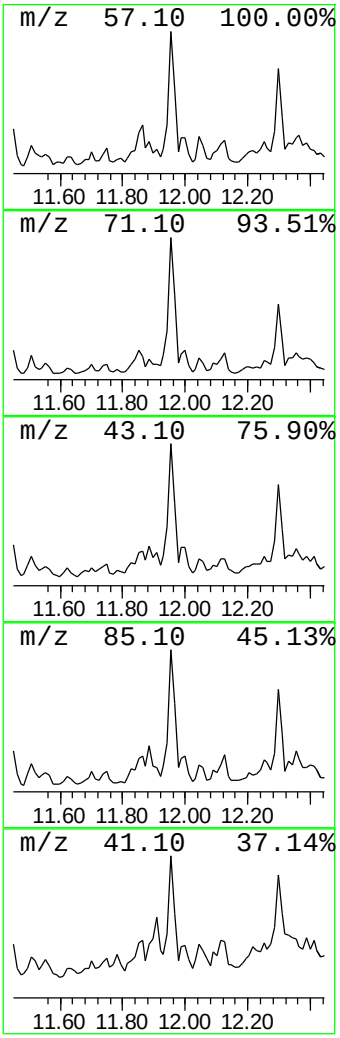
****

Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.68 ng	104250	Acenaphthene-d10	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Octadecane	254	C18H38	000593-45-3	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59





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Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

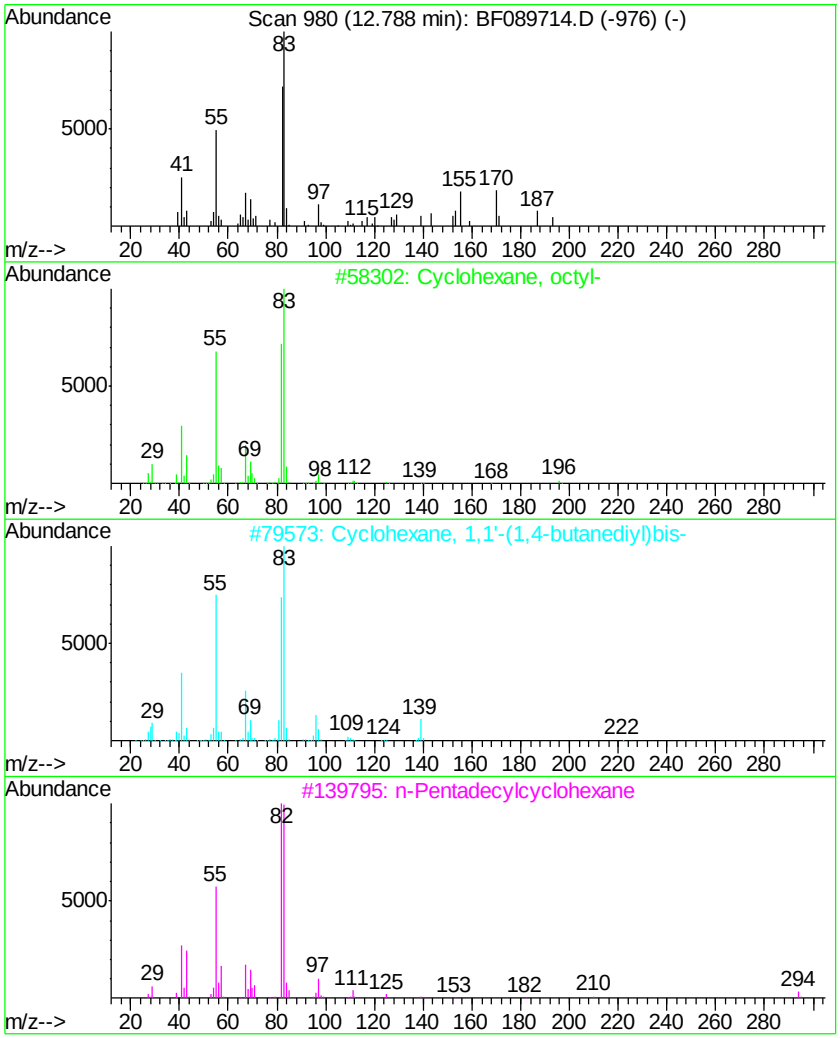
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

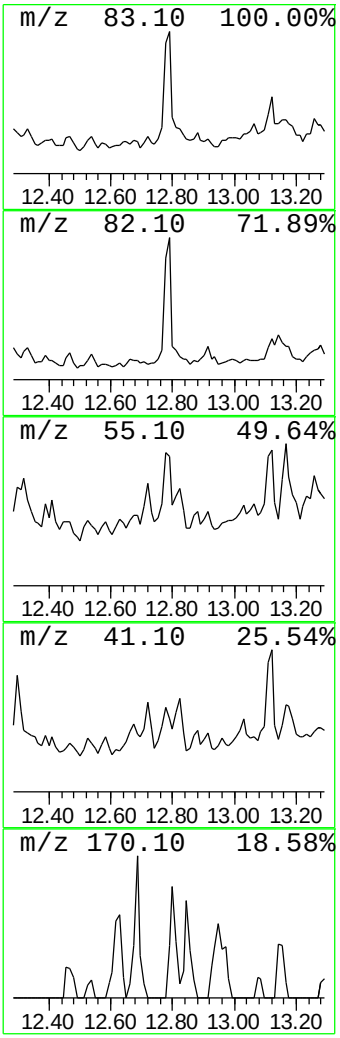
****

Peak Number 6 Cyclohexane, octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.87 ng	70994	Acenaphthene-d10	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	59
3	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	59
4	Glycine, N-(3-methyl-1-oxo-2-but...	171	C8H13NO3	056009-34-8	59
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59





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Misc :
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Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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TIC Library : C:\Database\NIST11.L
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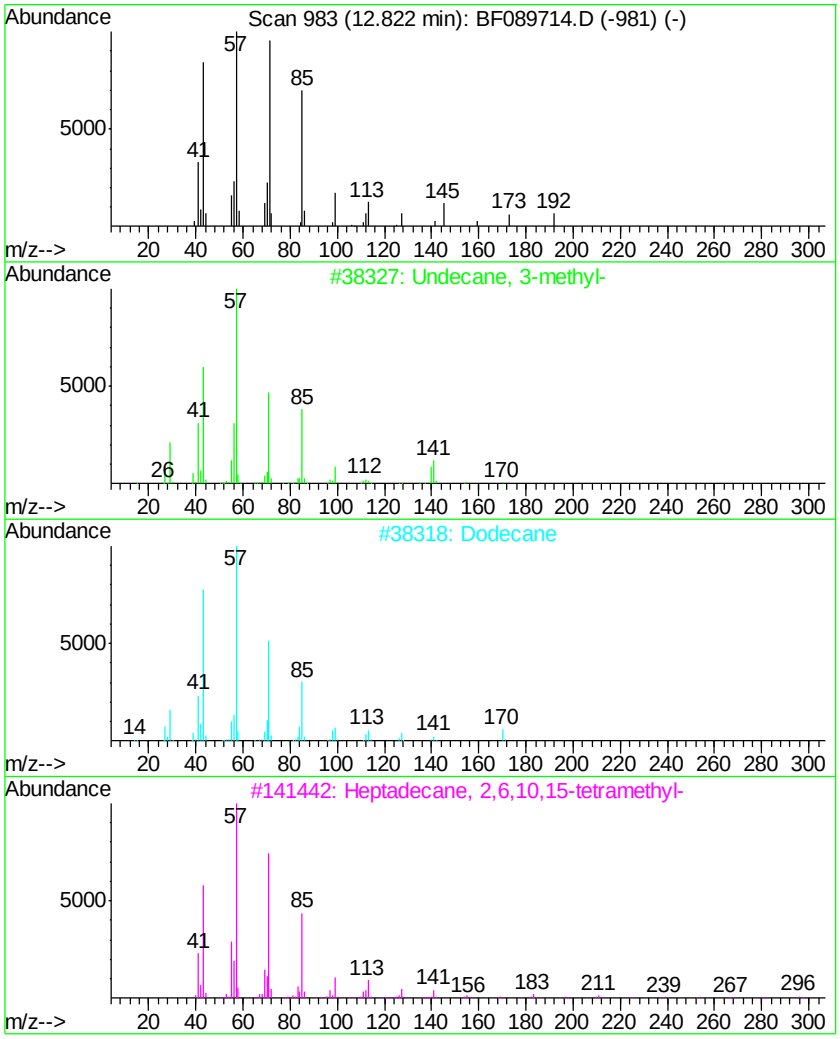
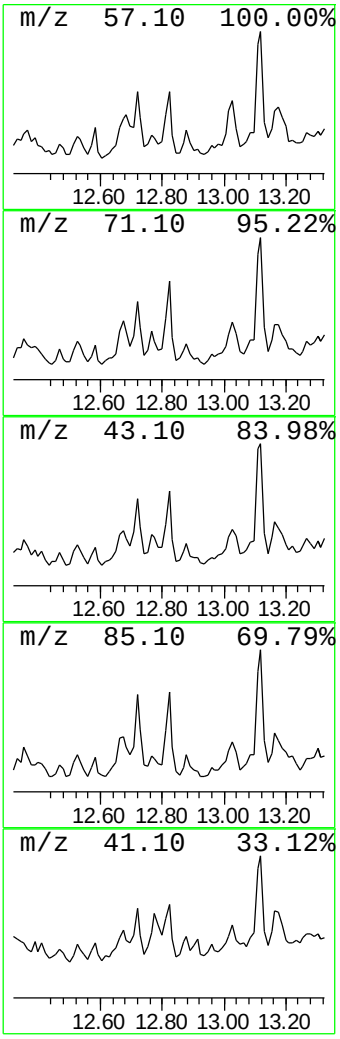
Peak Number 7 Undecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	3.16 ng	57956	Acenaphthene-d10	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2	Dodecane	170	C12H26	000112-40-3	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59





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Sample : H4400-07
Misc :
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ClientSampleId : DEL3-BASE(66)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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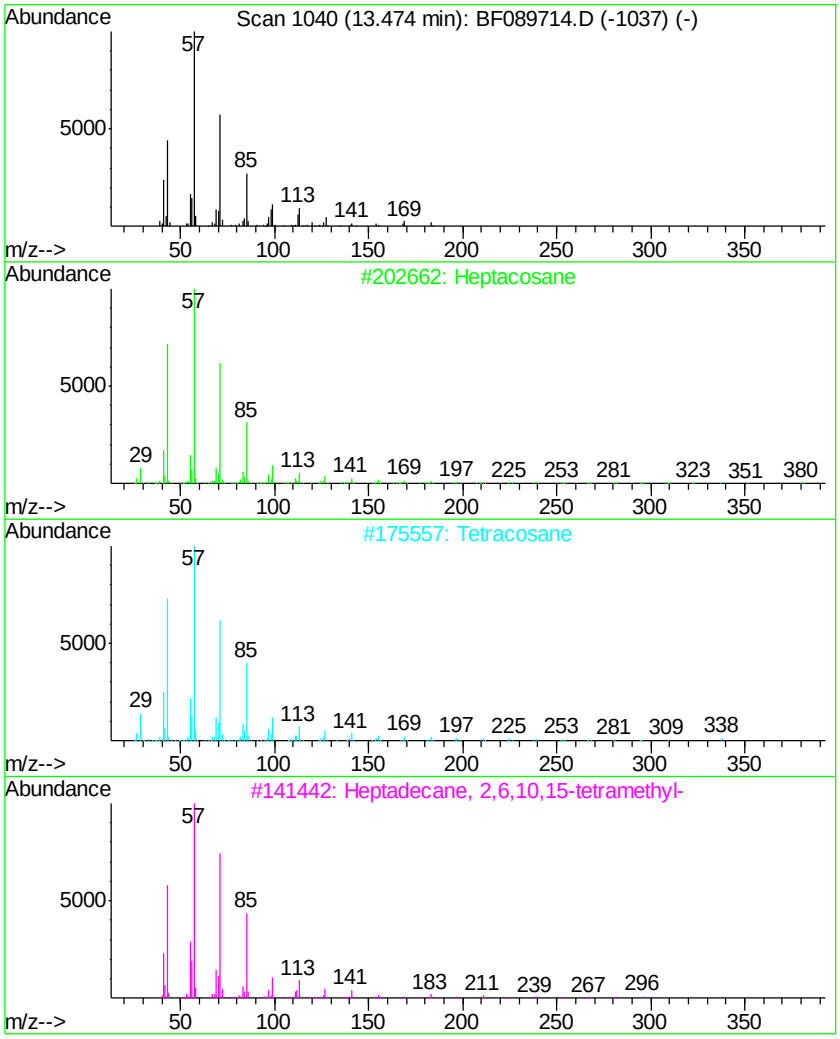
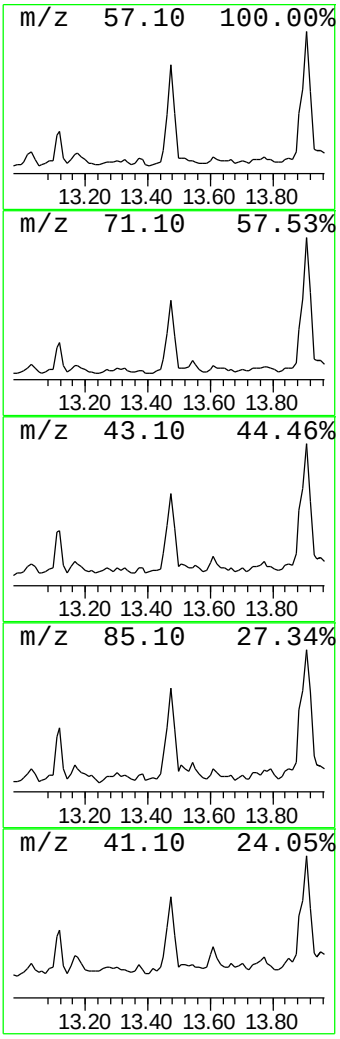
Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	7.43 ng	220359	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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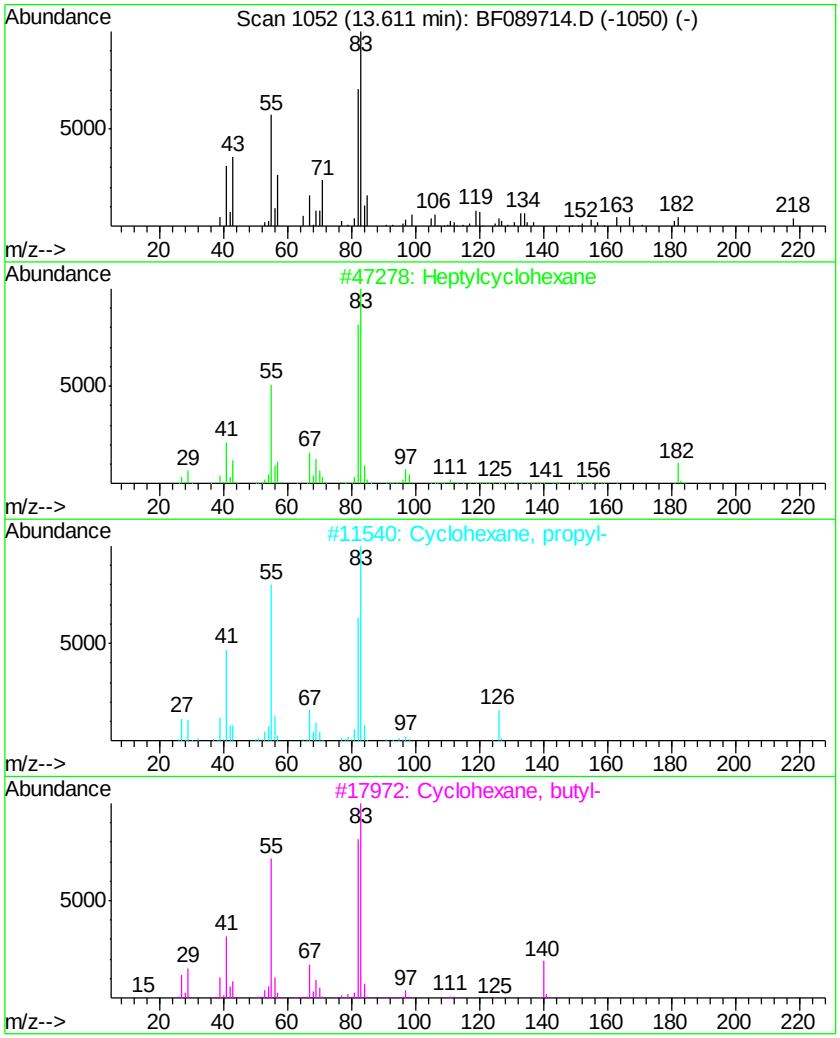
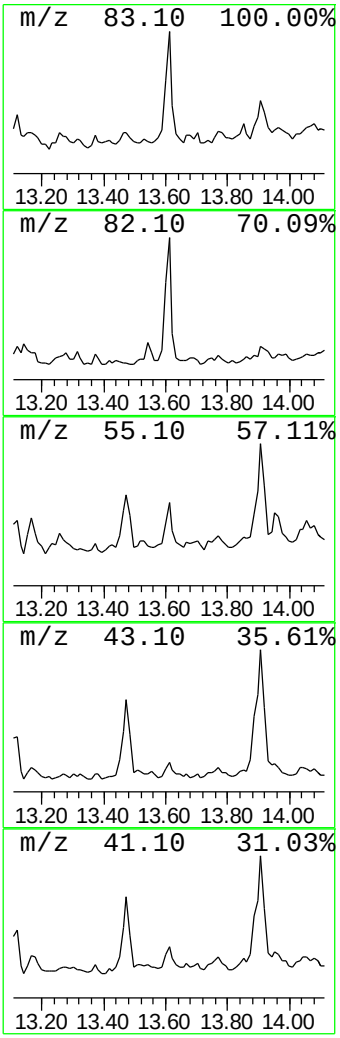
Peak Number 9 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.17 ng	94107	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	62
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	49





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

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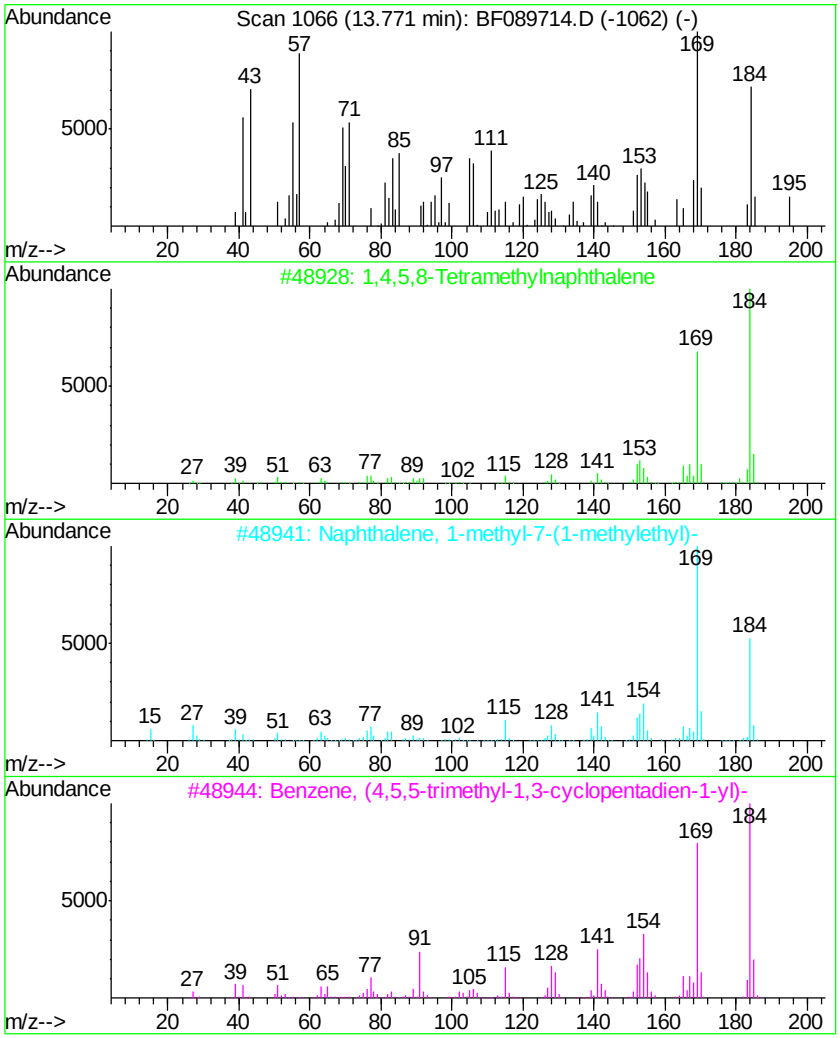
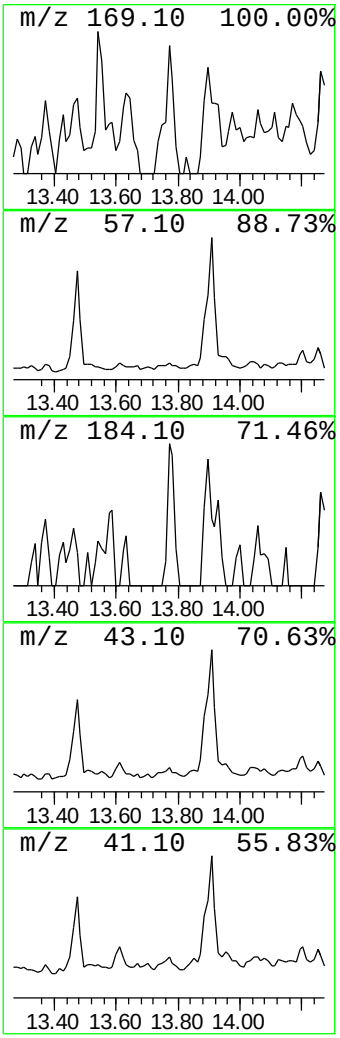
Peak Number 10 1,4,5,8-Tetramethylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.17 ng	94188	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	58
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	49
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	49
4	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	49
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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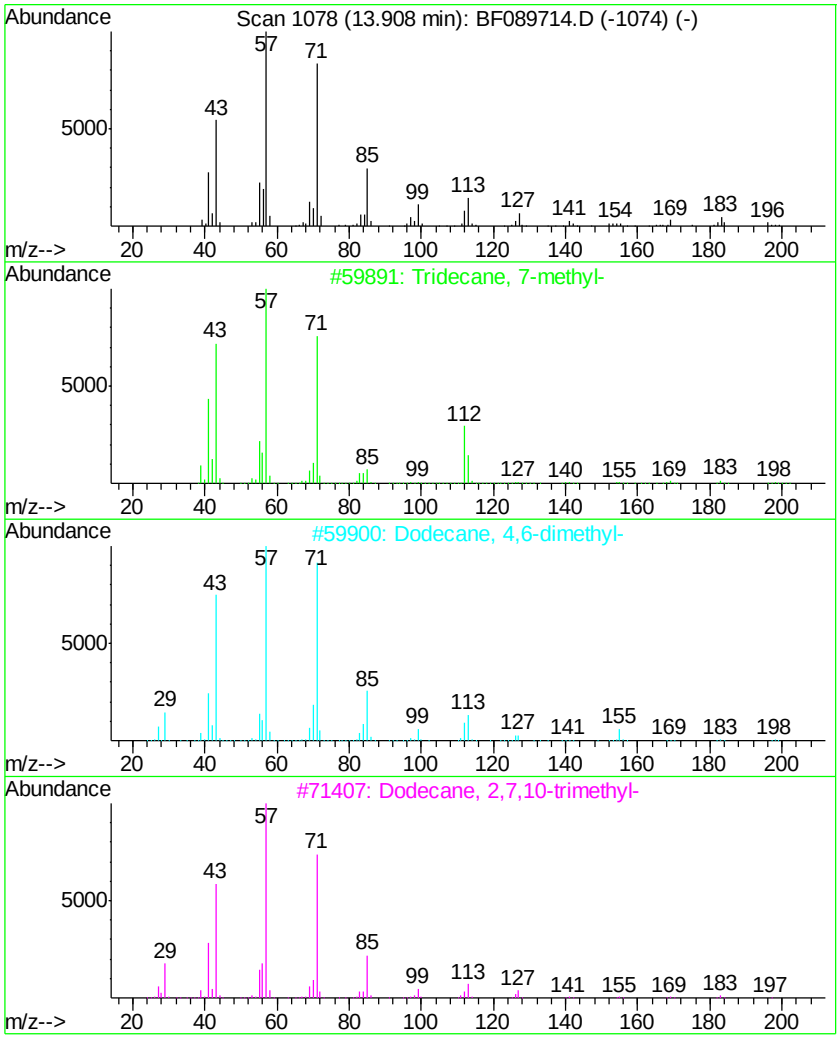
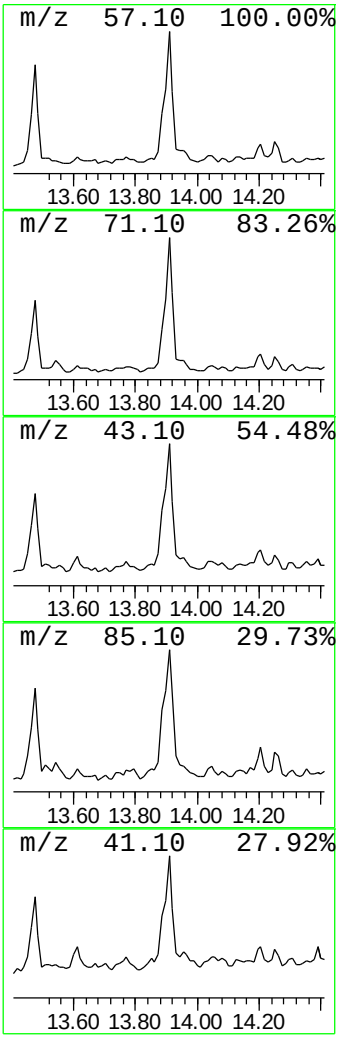
Peak Number 11 Tridecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	13.37 ng	396809	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	89
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80





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

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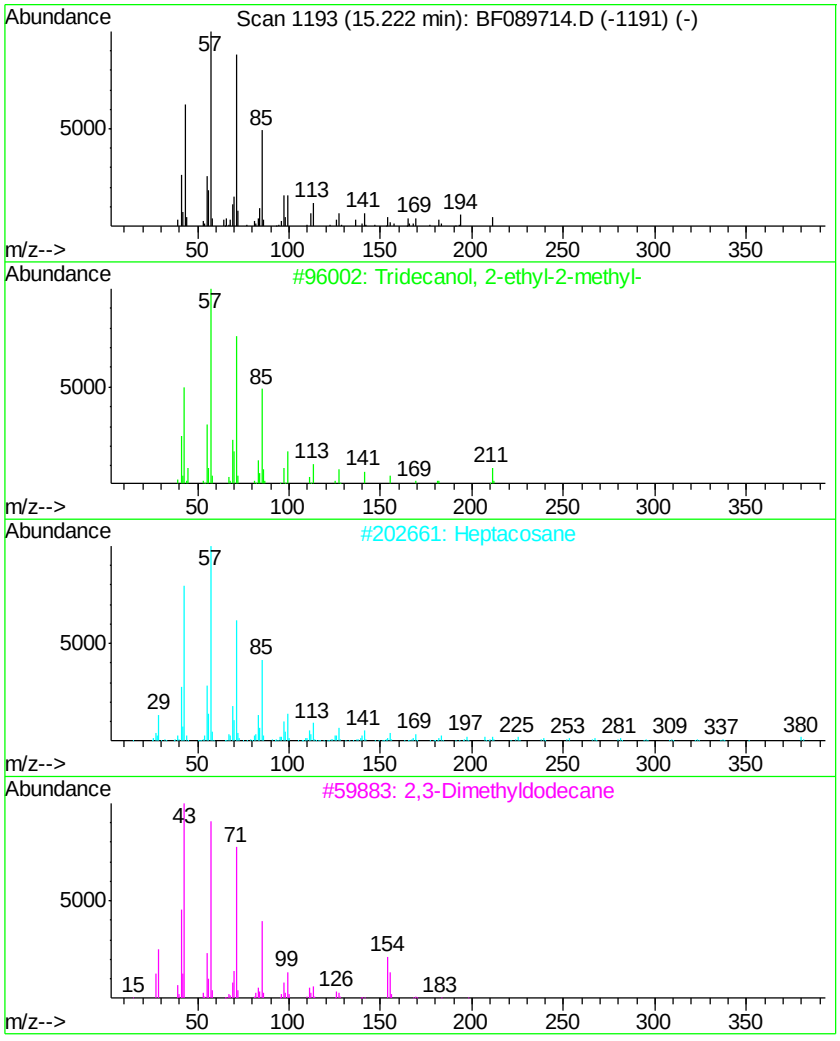
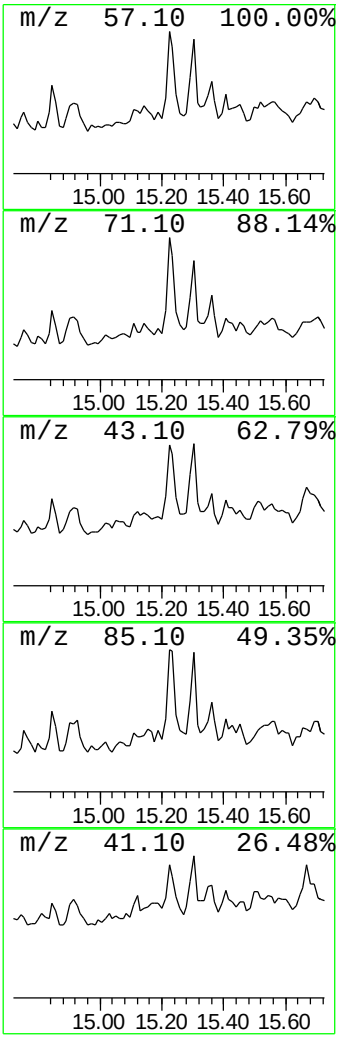
Peak Number 12 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.23 ng	95956	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	2,3-Dimethyldodecane	198	C14H30	006117-98-2	86
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Tetratetracontane	619	C44H90	007098-22-8	86





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TIC Integration Parameters: LSCINT.P

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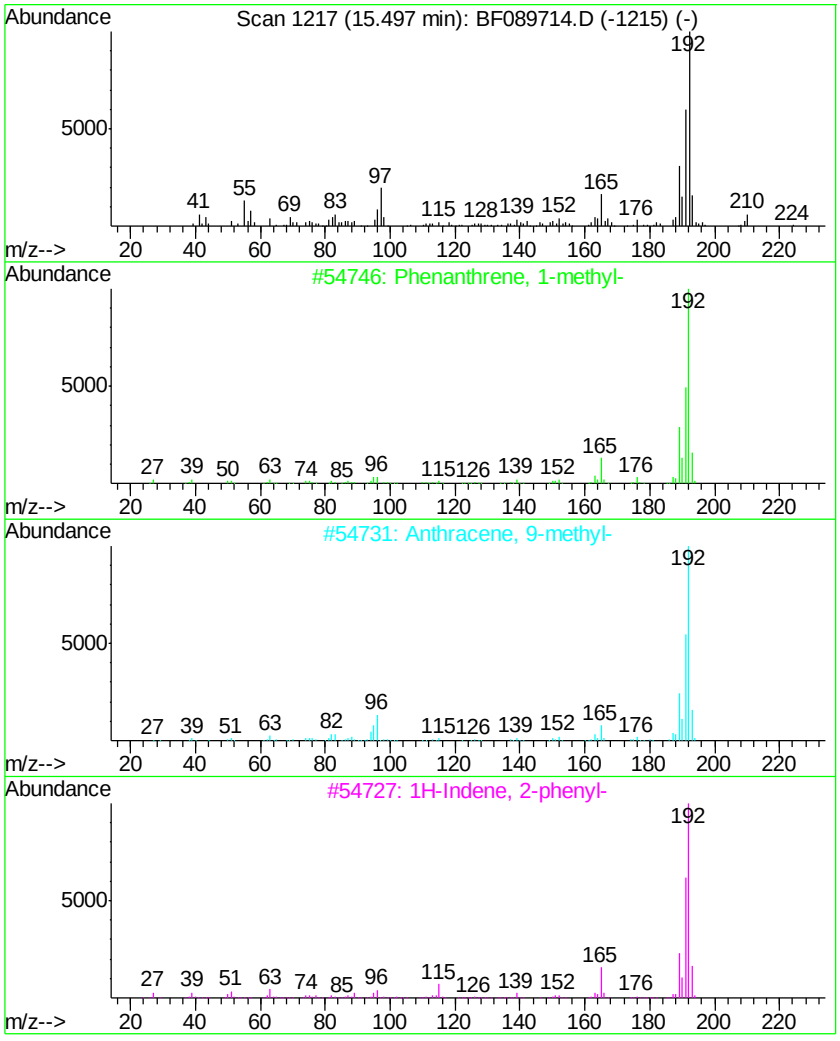
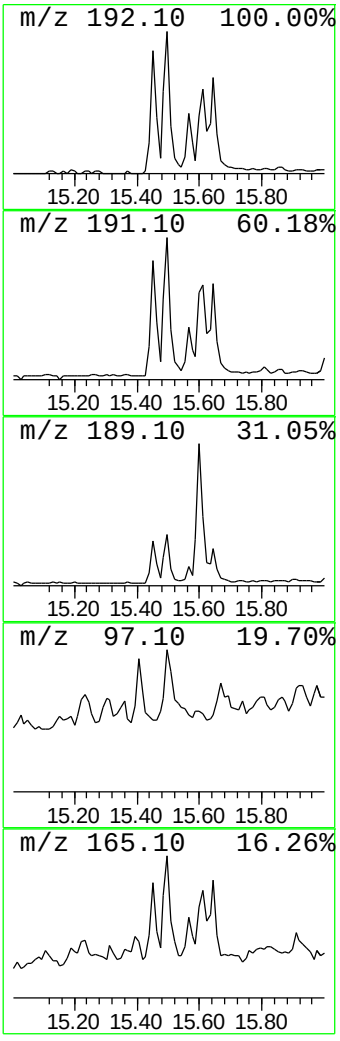
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.21 ng	154655	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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

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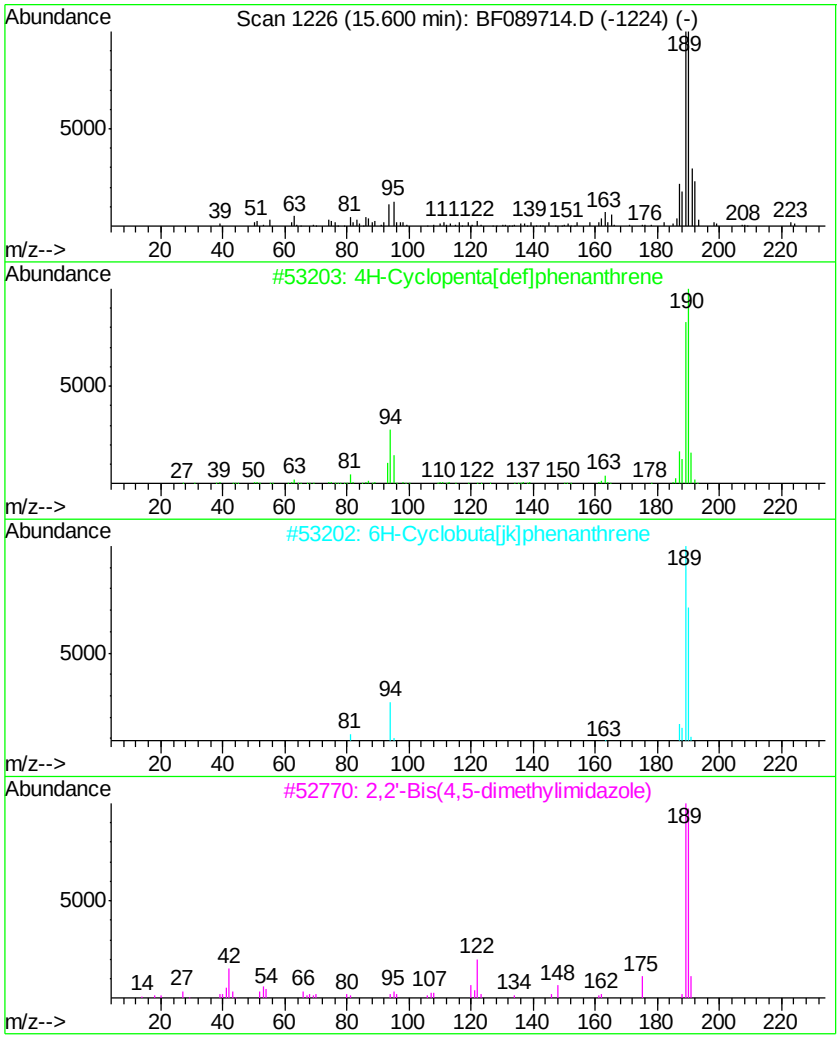
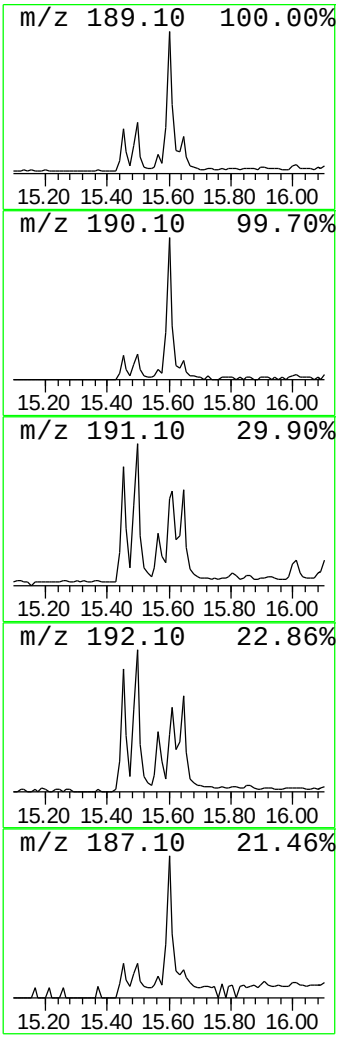
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	4.22 ng	125263	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	25
5	Megastigmatrienone	190	C13H18O	038818-55-2	25





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TIC Library : C:\Database\NIST11.L
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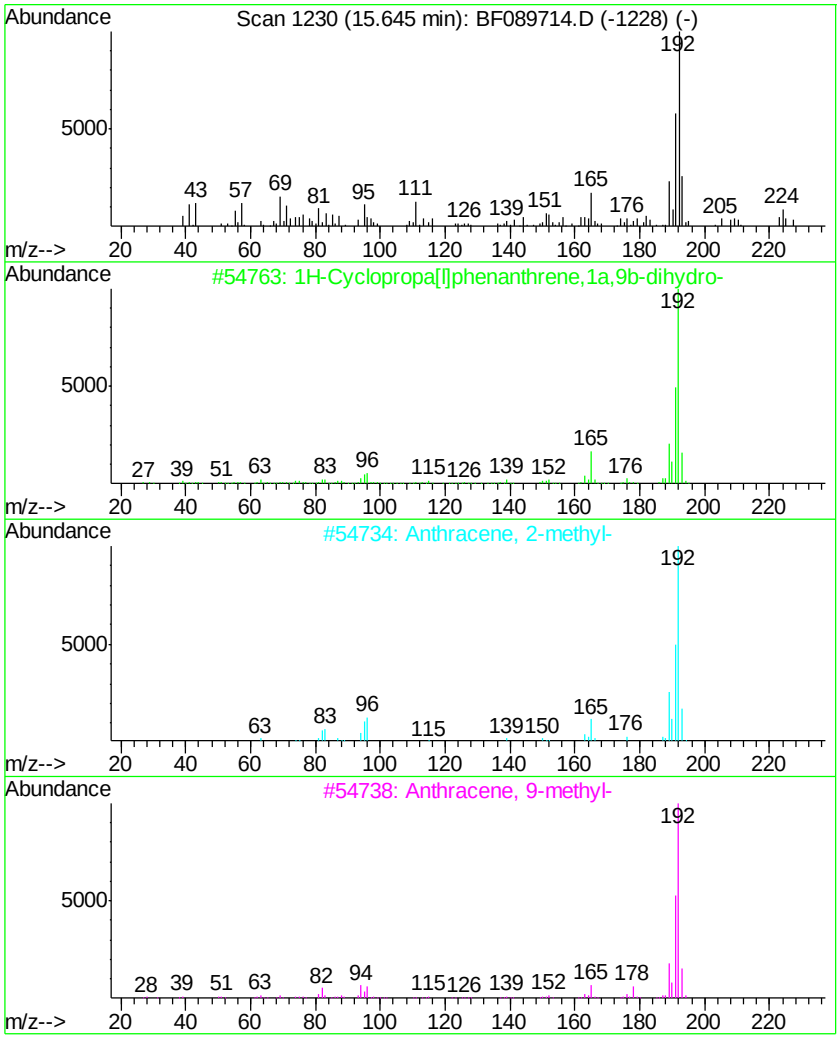
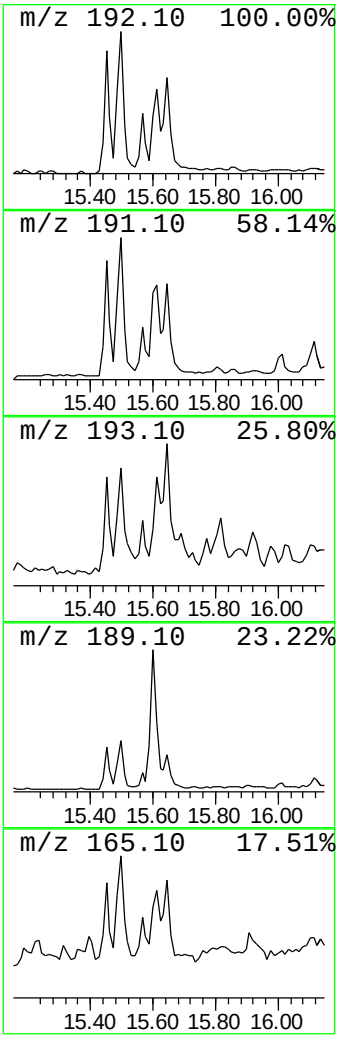
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.54 ng	134729	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





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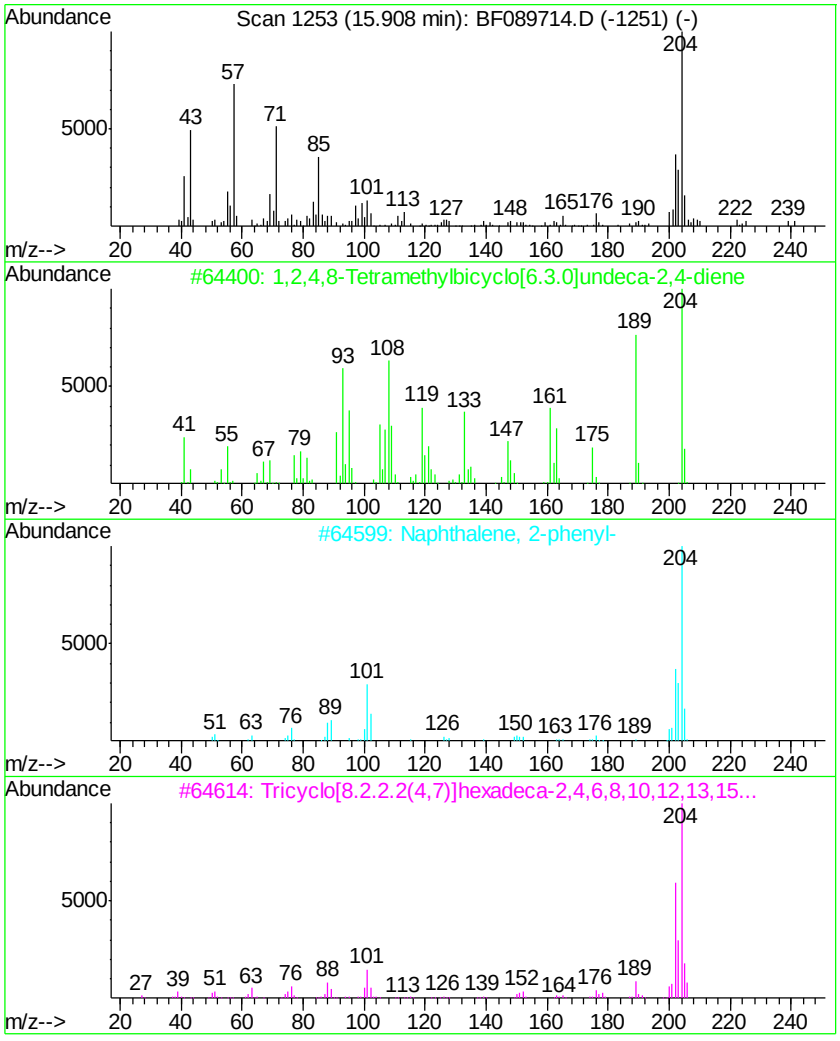
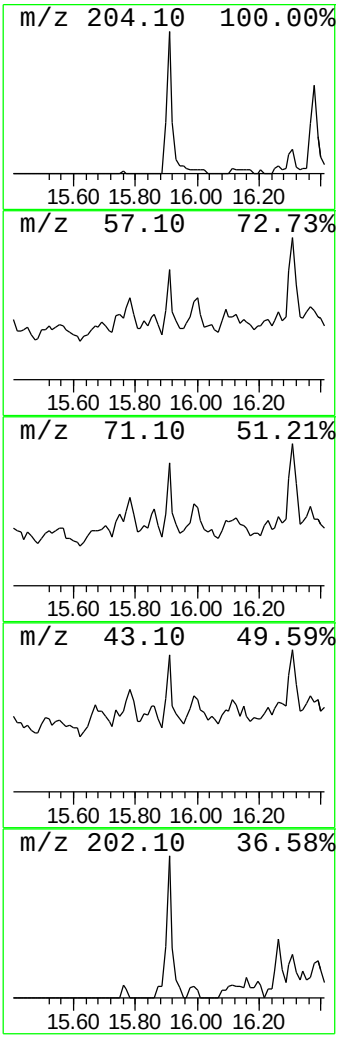
Peak Number 16 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.97 ng	147487	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	41





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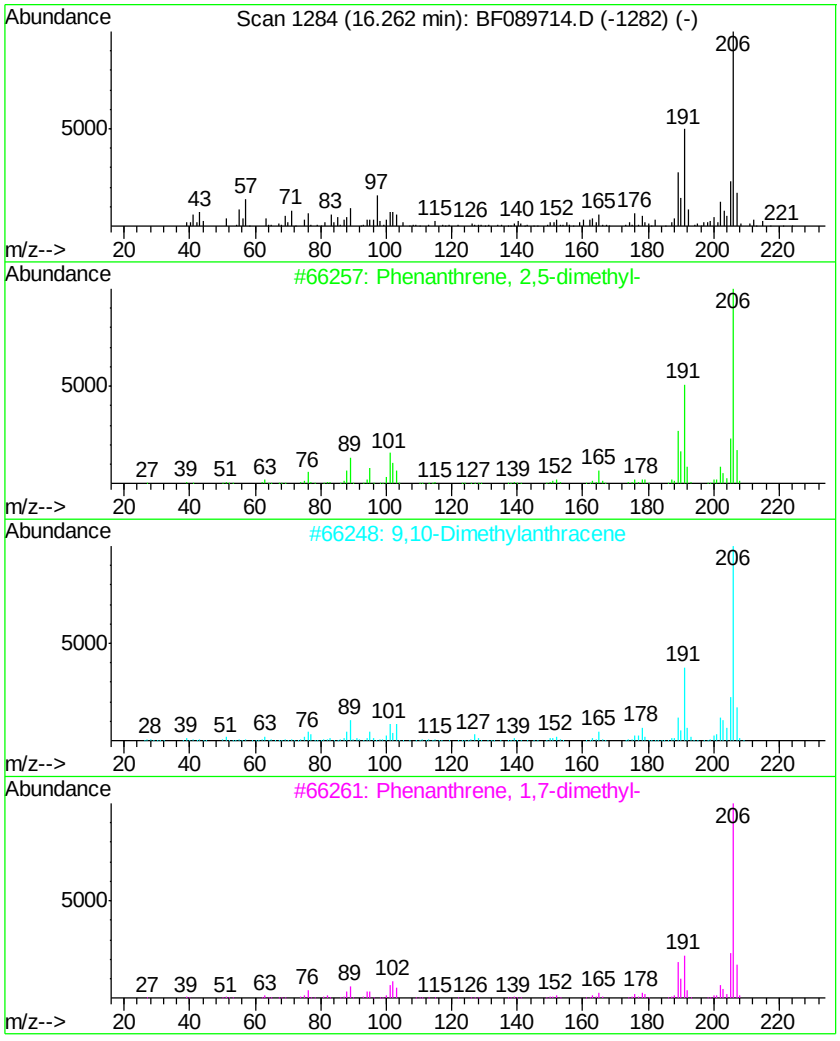
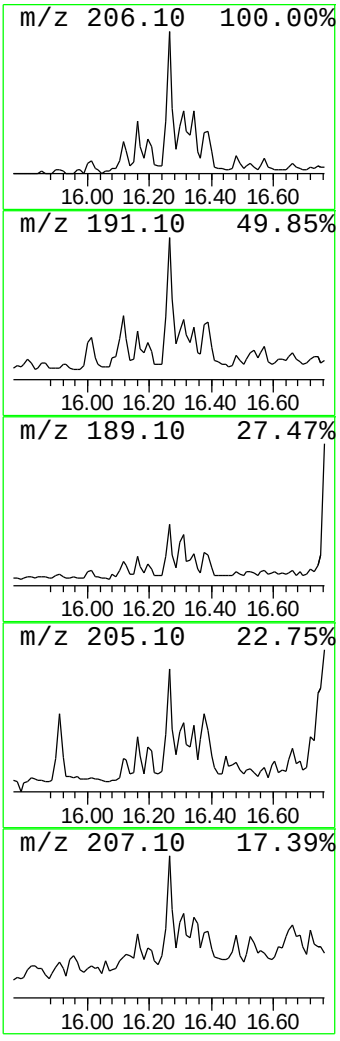
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	3.72 ng	110365	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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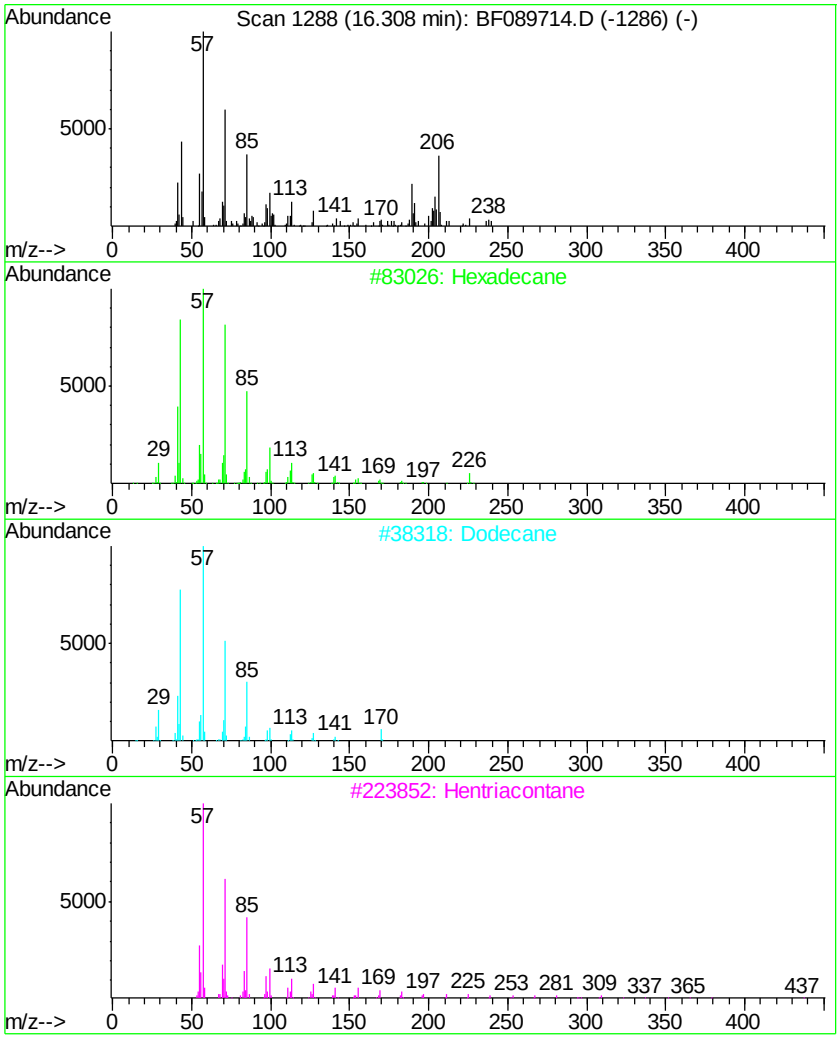
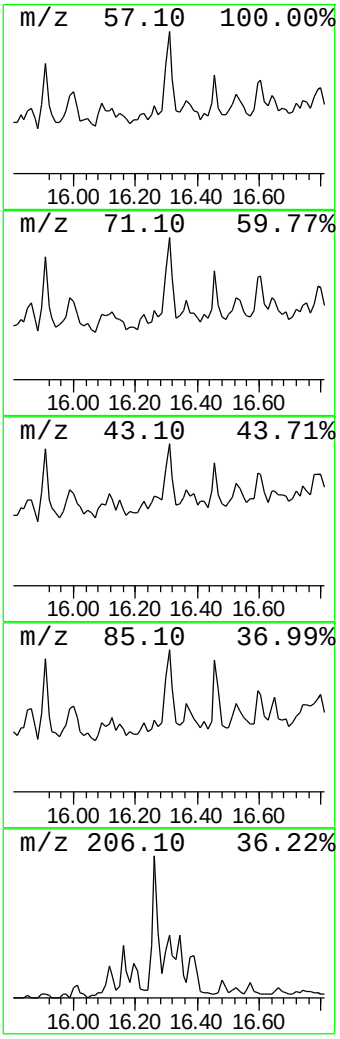
Peak Number 18 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	4.03 ng	119674	Phenanthrene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	70
2	Dodecane	170	C12H26	000112-40-3	50
3	Hentriacontane	437	C31H64	000630-04-6	43
4	2-methyltetracosane	352	C25H52	1000376-72-6	43
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089714.D
Acq On : 11 Aug 2016 00:53
Operator : UM/SJ
Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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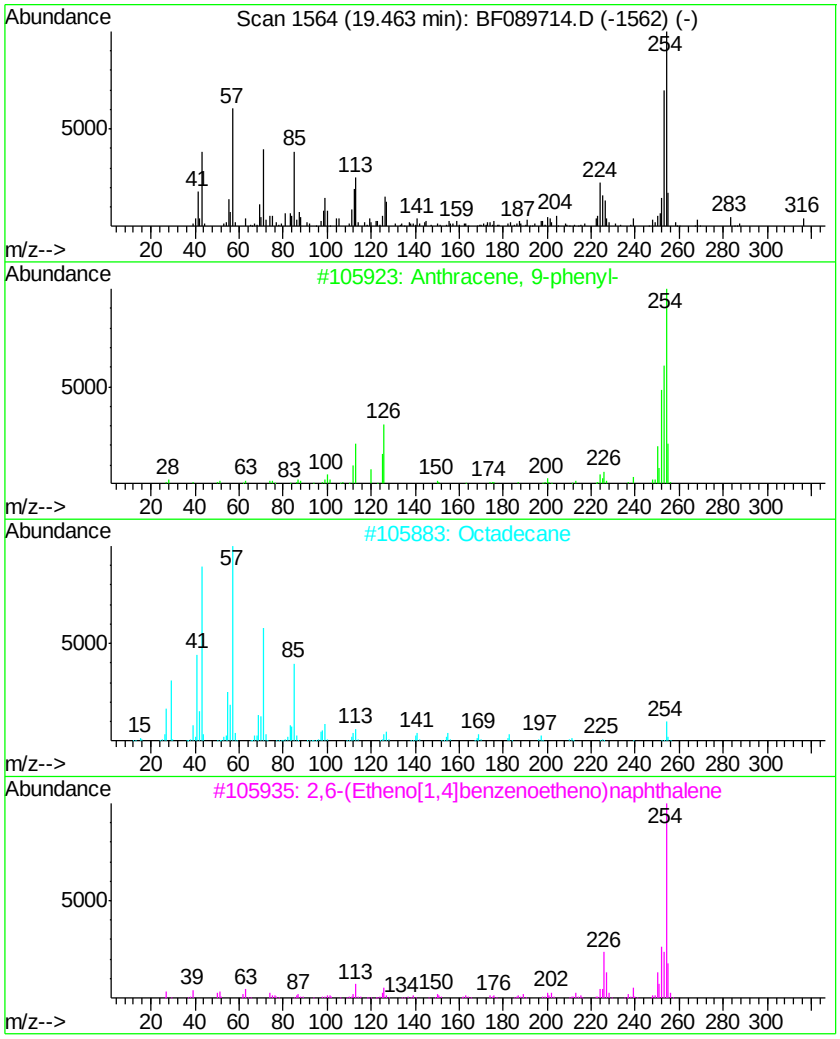
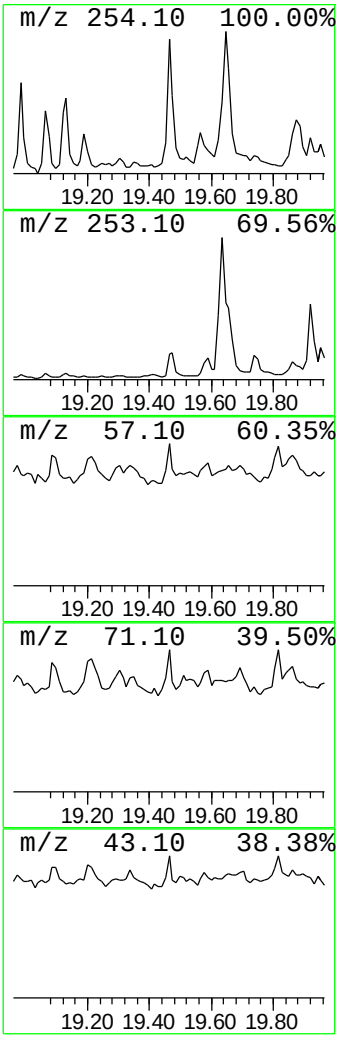
Peak Number 19 Anthracene, 9-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	4.30 ng	81639	Perylene-d12	20.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	55
2	Octadecane	254	C18H38	000593-45-3	49
3	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	46
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	46
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089714.D
Acq On : 11 Aug 2016 00:53
Operator : UM/SJ
Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : DEL3-BASE(66)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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...	4.60	24.6	ng	313264	1	7.40	254728	20.0
unknown7.06	7.06	100.3	ng	1277340	1	7.40	254728	20.0
Silane, trichloro...	11.44	3.8	ng	69817	3	12.25	367111	20.0
Heptadecane, 2,6,...	11.95	5.7	ng	104250	3	12.25	367111	20.0
Cyclohexane, octyl-	12.79	3.9	ng	70994	3	12.25	367111	20.0
Undecane, 3-methyl-	12.82	3.2	ng	57956	3	12.25	367111	20.0
Heptacosane	13.47	7.4	ng	220359	4	14.65	593474	20.0
Heptylcyclohexane	13.61	3.2	ng	94107	4	14.65	593474	20.0
1,4,5,8-Tetrameth...	13.77	3.2	ng	94188	4	14.65	593474	20.0
Tridecane, 7-methyl-	13.91	13.4	ng	396809	4	14.65	593474	20.0
Tridecanol, 2-eth...	15.22	3.2	ng	95956	4	14.65	593474	20.0
Phenanthrene, 1-m...	15.50	5.2	ng	154655	4	14.65	593474	20.0
4H-Cyclopenta[def...	15.60	4.2	ng	125263	4	14.65	593474	20.0
1H-Cyclopropa[l]p...	15.65	4.5	ng	134729	4	14.65	593474	20.0
1,2,4,8-Tetrameth...	15.91	5.0	ng	147487	4	14.65	593474	20.0
Phenanthrene, 2,5...	16.26	3.7	ng	110365	4	14.65	593474	20.0
Hexadecane	16.31	4.0	ng	119674	4	14.65	593474	20.0
Anthracene, 9-phe...	19.46	4.3	ng	81639	6	20.03	379450	20.0