LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090173.D
Acq On : 21 Sep 2016 21:43
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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	1.666	5	7	52	rVB	2217464	5648709	100.00%	9.589%
2	4.604	261	264	274	rVB	480720	792788	14.03%	1.346%
3	5.073	302	305	308	rBV	2652200	3059471	54.16%	5.194%
4	6.158	397	400	403	rBV	2285062	3464430	61.33%	5.881%
5	6.273	407	410	412	rBV	3156738	3152309	55.81%	5.351%
6	6.501	428	430	433	rBV	835930	834647	14.78%	1.417%
7	6.661	441	444	446	rBV	2721464	2497039	44.21%	4.239%
8	7.073	477	480	483	rBV	1399817	1851219	32.77%	3.142%
9	7.210	490	492	497	rVB	41226	56777	1.01%	0.096%
10	7.793	541	543	545	rBV	1120991	1039574	18.40%	1.765%
11	8.879	635	638	640	rBV	3474736	3654696	64.70%	6.204%
12	9.279	671	673	675	rBV	371562	478525	8.47%	0.812%
13	9.393	681	683	686	rVB	248241	220563	3.90%	0.374%
14	9.530	693	695	697	rVV	856947	1015173	17.97%	1.723%
15	9.964	729	733	734	rBV2	36214	66783	1.18%	0.113%
16	9.999	734	736	737	rVB2	103330	95697	1.69%	0.162%
17	10.216	751	755	756	rBV2	64285	88727	1.57%	0.151%
18	10.319	761	764	767	rBV	1949924	2001319	35.43%	3.397%
19	10.467	773	777	780	rBV	171671	308804	5.47%	0.524%
20	10.753	800	802	804	rBV2	42479	62295	1.10%	0.106%
21	10.913	814	816	817	rVB2	105001	100964	1.79%	0.171%
22	11.005	821	824	825	rBV	1102071	1108537	19.62%	1.882%
23	11.073	828	830	833	rVV	174341	186961	3.31%	0.317%
24	11.256	844	846	849	rVV2	524524	667940	11.82%	1.134%
25	11.336	851	853	855	rVB	96513	85148	1.51%	0.145%
26	11.496	865	867	869	rBV	44798	77781	1.38%	0.132%
27	11.530	869	870	871	rVV	85679	66127	1.17%	0.112%
28	11.565	871	873	881	rVV4	223429	713982	12.64%	1.212%
29	11.736	881	888	890	rVV2	103708	251746	4.46%	0.427%
30	11.816	891	895	897	rVB3	47589	106375	1.88%	0.181%
31	12.045	912	915	916	rBV2	94100	126631	2.24%	0.215%
32	12.079	916	918	920	rVV	613218	840802	14.88%	1.427%
33	12.125	921	922	926	rVB3	147197	137933	2.44%	0.234%
34	12.205	926	929	931	rBV	1007042	1139836	20.18%	1.935%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090173.D
Acq On : 21 Sep 2016 21:43
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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	12.296	935	937	939	rVB	85544	91071	1.61%	0.155%
36	12.342	939	941	946	rBV4	143640	290577	5.14%	0.493%
37	12.422	946	948	951	rBV2	1192244	1281538	22.69%	2.175%
38	12.490	952	954	957	rVB2	78726	112076	1.98%	0.190%
39	12.548	957	959	960	rBV	89468	77657	1.37%	0.132%
40	12.593	960	963	965	rBV	2068048	2764288	48.94%	4.692%
41	12.650	965	968	971	rVB2	140190	216459	3.83%	0.367%
42	12.730	973	975	979	rVB2	147438	305942	5.42%	0.519%
43	12.822	981	983	984	rBV	103010	102885	1.82%	0.175%
44	12.856	984	986	988	rBV2	222571	253769	4.49%	0.431%
45	12.948	992	994	995	rBV	118511	138729	2.46%	0.235%
46	13.073	1002	1005	1008	rVB	628305	901720	15.96%	1.531%
47	13.130	1008	1010	1011	rBV2	57454	80955	1.43%	0.137%
48	13.256	1018	1021	1023	rBV	151532	156761	2.78%	0.266%
49	13.359	1028	1030	1032	rBV	99480	122196	2.16%	0.207%
50	13.393	1032	1033	1038	rVB4	116695	302478	5.35%	0.513%
51	13.496	1040	1042	1047	rVB3	340907	481812	8.53%	0.818%
52	13.611	1049	1052	1053	rBV2	1048396	1598024	28.29%	2.713%
53	13.713	1058	1061	1062	rVV3	61966	91234	1.62%	0.155%
54	13.748	1062	1064	1066	rVV2	68090	118986	2.11%	0.202%
55	13.816	1069	1070	1074	rVV3	86665	160636	2.84%	0.273%
56	13.873	1074	1075	1078	rVB3	83706	108170	1.91%	0.184%
57	13.999	1082	1086	1087	rVV	185633	243883	4.32%	0.414%
58	14.033	1087	1089	1091	rVB2	134821	133532	2.36%	0.227%
59	14.091	1091	1094	1095	rBV3	103680	164337	2.91%	0.279%
60	14.125	1095	1097	1102	rVB3	193138	361895	6.41%	0.614%
61	14.296	1110	1112	1113	rBV	90929	96830	1.71%	0.164%
62	14.445	1124	1125	1130	rVB3	111116	261001	4.62%	0.443%
63	14.548	1130	1134	1136	rBV4	145369	295718	5.24%	0.502%
64	14.605	1136	1139	1143	rBV	1101482	2158345	38.21%	3.664%
65	14.685	1143	1146	1147	rVV2	314134	350828	6.21%	0.596%
66	14.719	1147	1149	1151	rVB2	196884	262131	4.64%	0.445%
67	14.845	1157	1160	1162	rBV	595777	801689	14.19%	1.361%
68	14.891	1162	1164	1166	rVV	884229	912967	16.16%	1.550%
69	14.936	1166	1168	1178	rVB2	543629	1385330	24.52%	2.352%
70	15.165	1186	1188	1192	rBV3	135041	259836	4.60%	0.441%
71	15.359	1203	1205	1206	rBV	148354	185487	3.28%	0.315%

LSC Area Percent Report

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Acq On : 21 Sep 2016 21:43
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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	15.394	1206	1208	1211	rVB3	166133	242526	4.29%	0.412%
73	15.759	1238	1240	1242	rBV2	68799	133599	2.37%	0.227%
74	15.839	1245	1247	1254	rVB4	115213	301267	5.33%	0.511%
75	15.976	1255	1259	1265	rVB5	292669	633989	11.22%	1.076%
76	16.102	1266	1270	1273	rBV2	515906	952744	16.87%	1.617%
77	16.239	1280	1282	1283	rBV	79532	113274	2.01%	0.192%
78	16.285	1283	1286	1287	rVV2	157404	298095	5.28%	0.506%
79	16.319	1287	1289	1296	rVB2	180594	441223	7.81%	0.749%
80	16.445	1297	1300	1307	rVB	441484	809395	14.33%	1.374%
81	16.559	1307	1310	1314	rBV5	114354	252469	4.47%	0.429%
82	16.628	1314	1316	1323	rVB2	69112	201772	3.57%	0.343%
83	16.868	1335	1337	1342	rVB5	59274	138457	2.45%	0.235%
84	17.359	1377	1380	1387	rVB4	68441	211337	3.74%	0.359%
85	18.182	1446	1452	1459	rVB2	87383	343738	6.09%	0.584%
86	18.331	1460	1465	1468	rBV	62259	203351	3.60%	0.345%

Sum of corrected areas: 58909316

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090173.D
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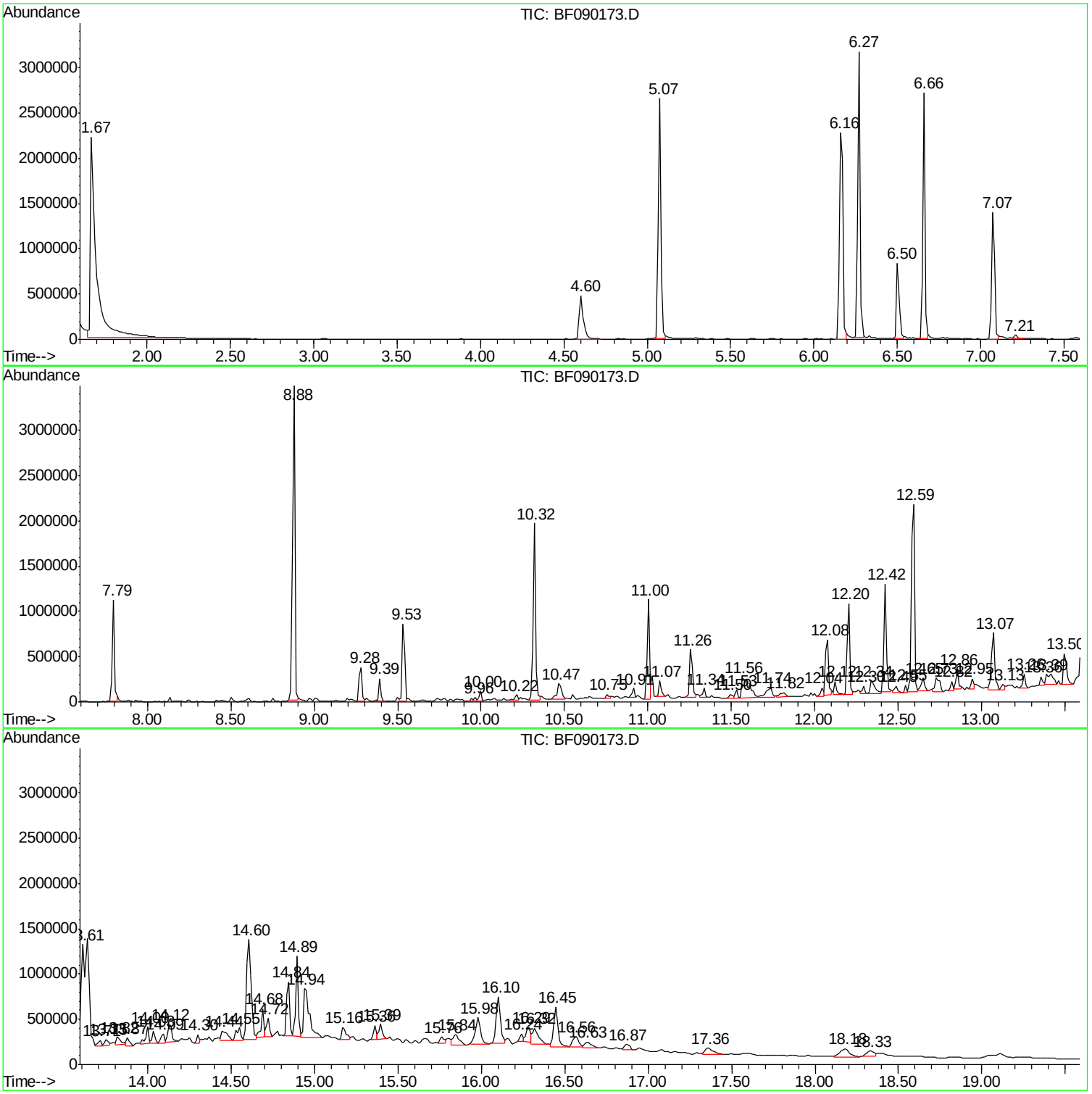
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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\BF092116\
Data File : BF090173.D
Acq On : 21 Sep 2016 21:43
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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

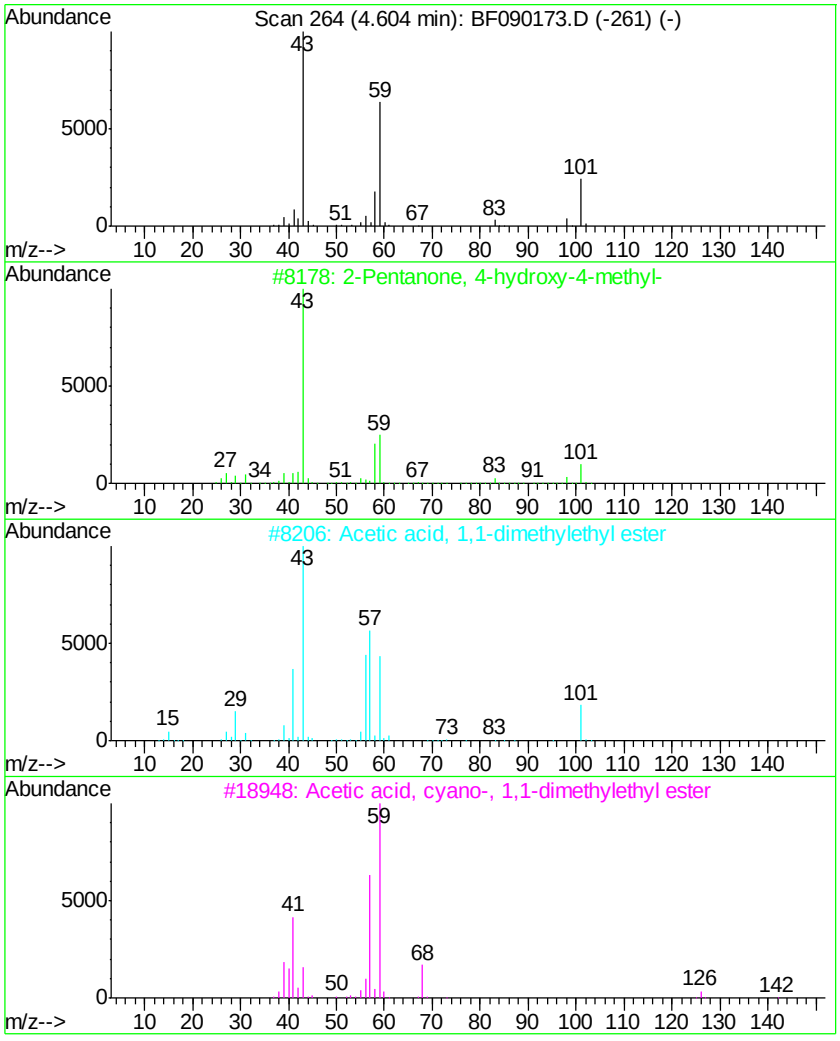
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

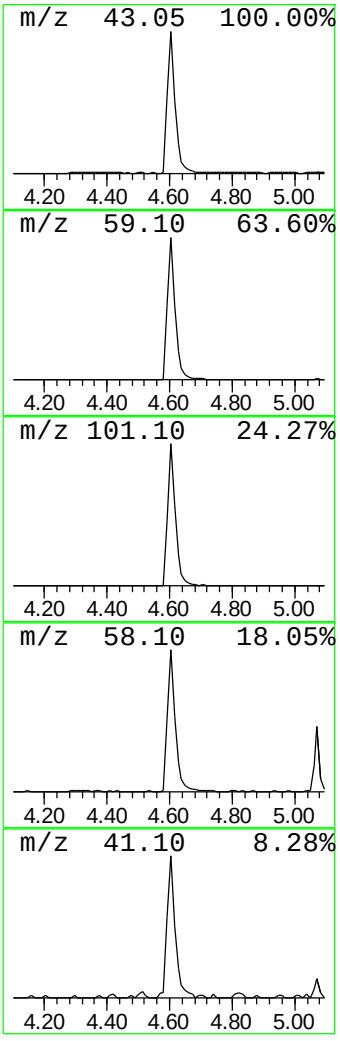
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	19.00 ng	792788	1,4-Dichlorobenzene-d4	6.50

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : H4856-12
Misc :
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Instrument : BNA_F
ClientSampleId : SS-4

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

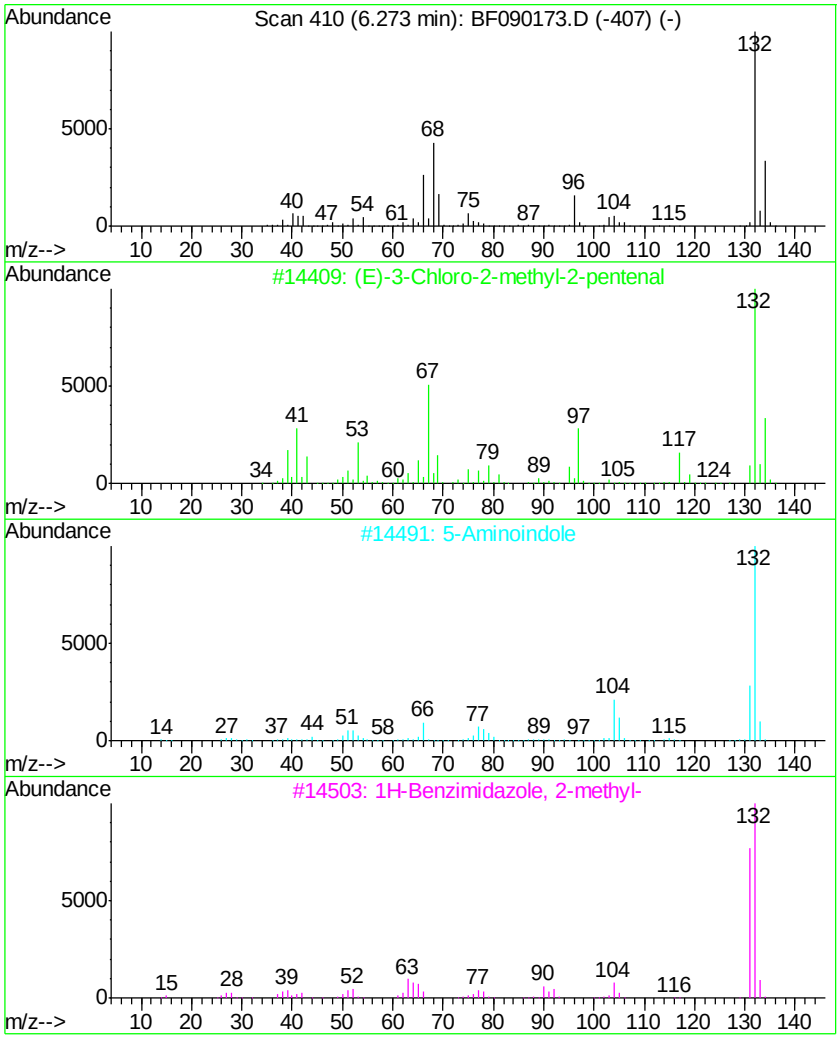
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

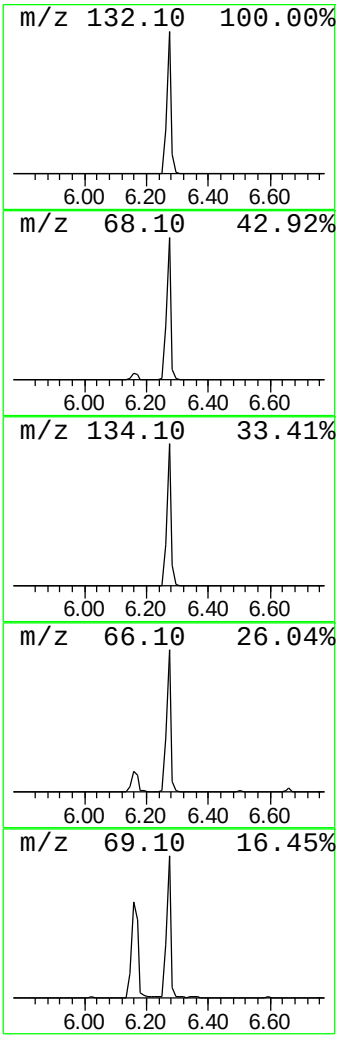
****

Peak Number 3 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	75.54 ng	3152310	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
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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Data File : BF090173.D
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Sample : H4856-12
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Instrument : BNA_F
ClientSampleId : SS-4

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
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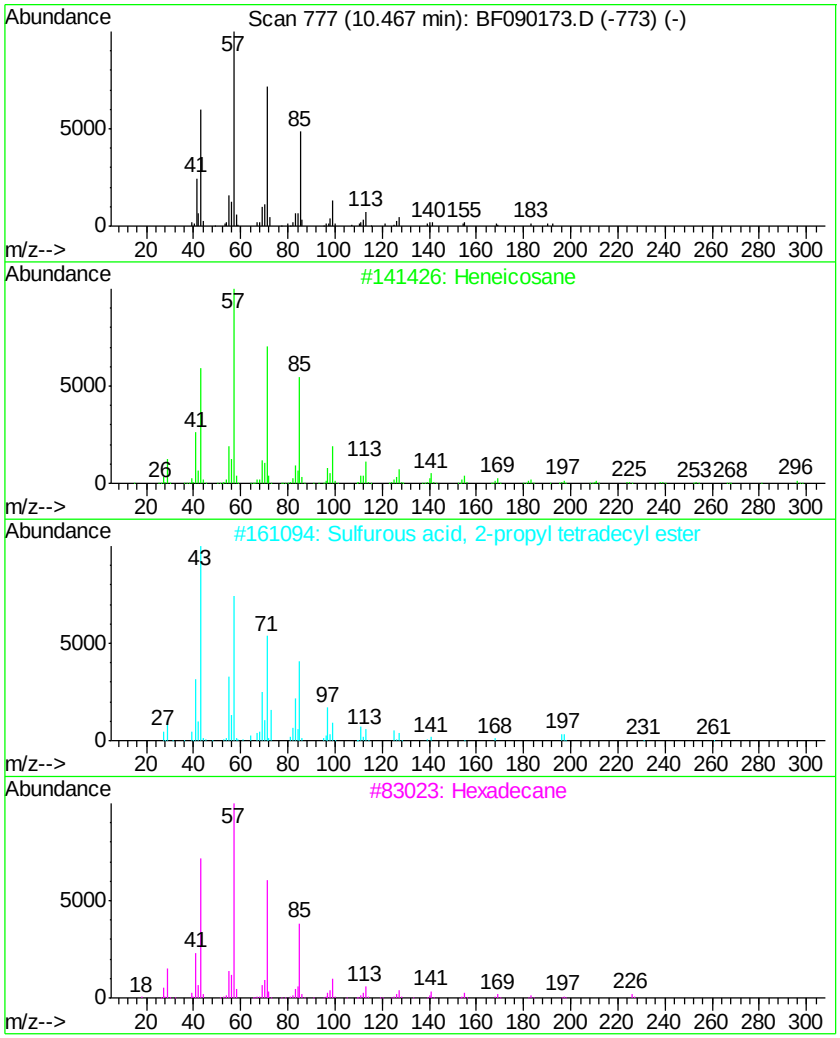
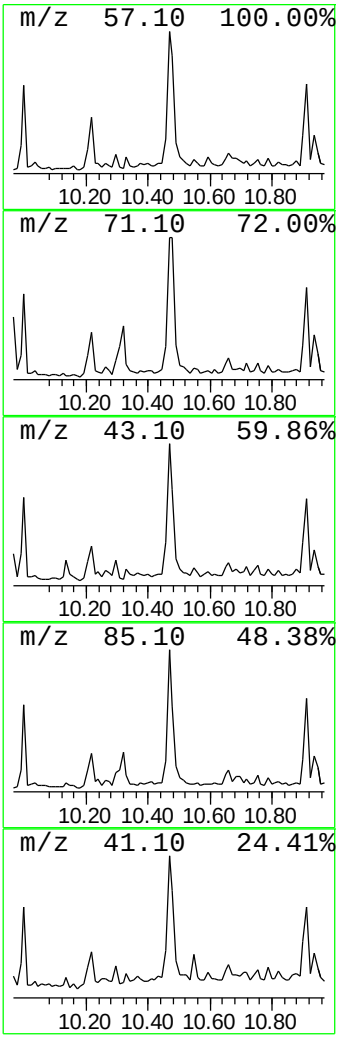
****

Peak Number 5 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	5.57 ng	308804	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Heptadecane	240	C17H36	000629-78-7	86





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ClientSampleId : SS-4

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
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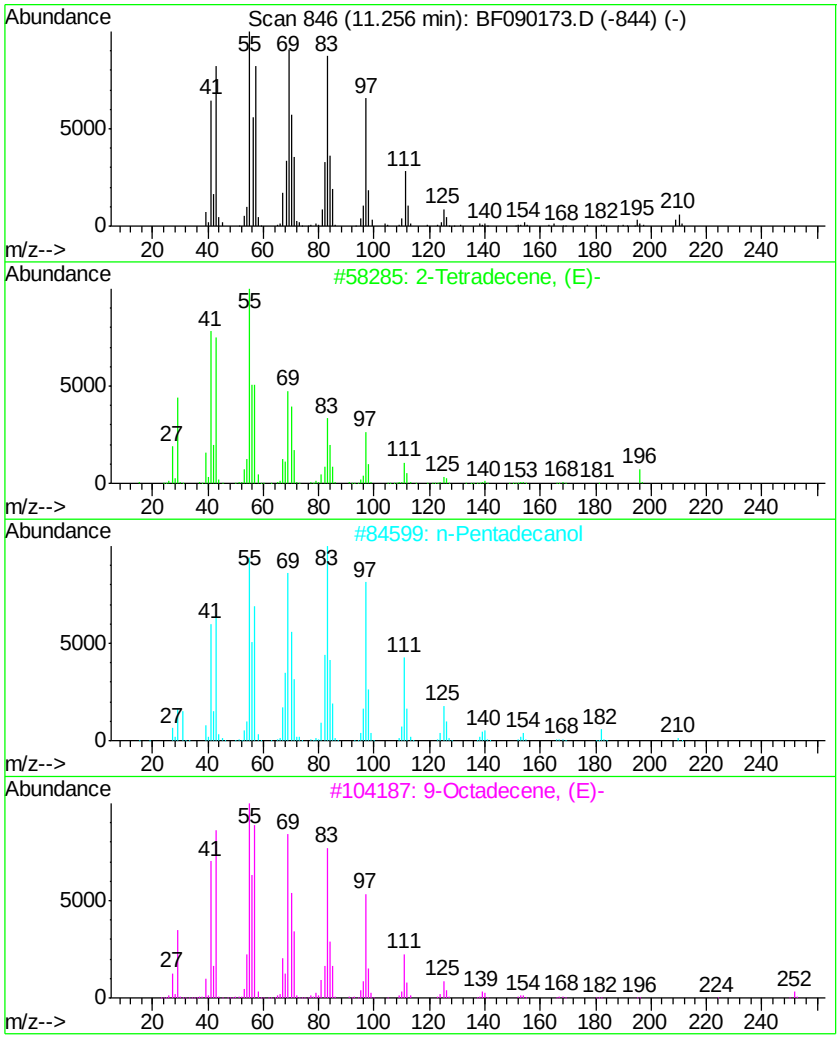
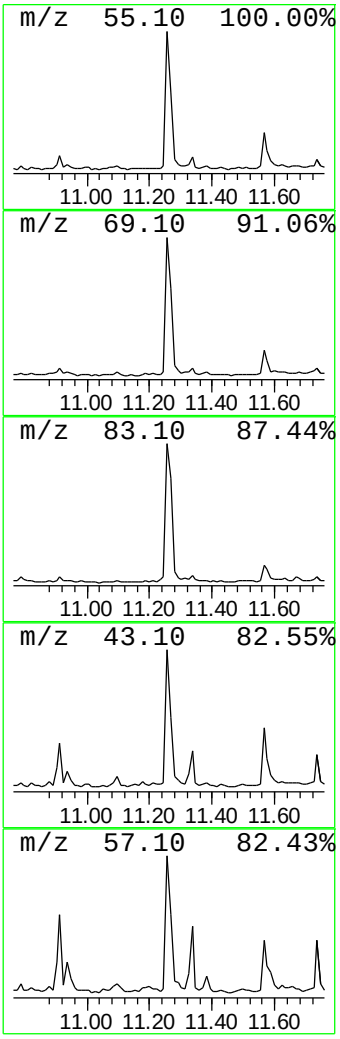
Peak Number 6 2-Tetradecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	12.05 ng	667940	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	91
2	n-Pentadecanol	228	C15H32O	000629-76-5	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	1-Tetradecanol	214	C14H30O	000112-72-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090173.D
Acq On : 21 Sep 2016 21:43
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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

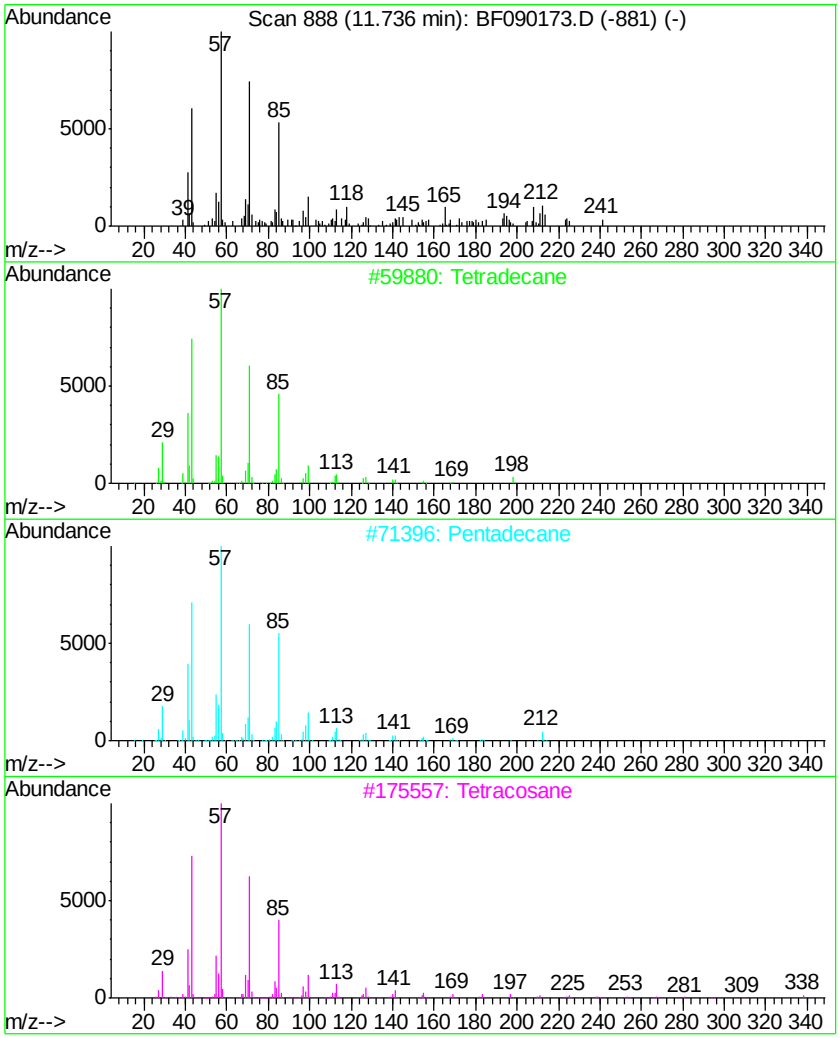
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

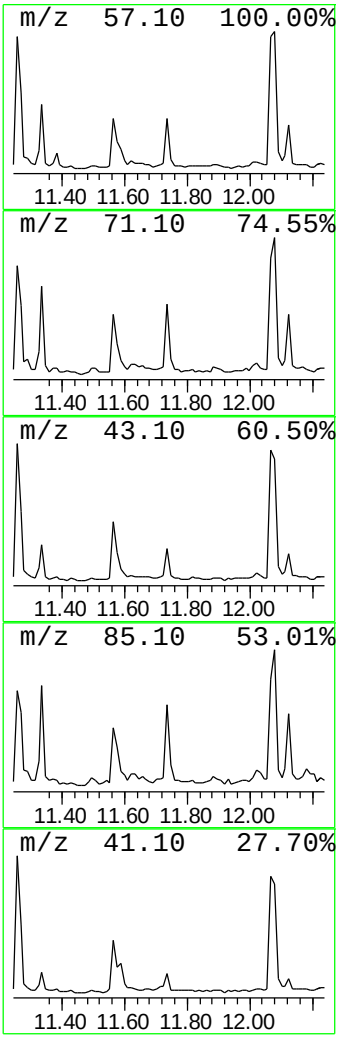
****

Peak Number 7 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.54 ng	251746	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Pentadecane	212	C15H32	000629-62-9	62
3	Tetracosane	338	C24H50	000646-31-1	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090173.D
Acq On : 21 Sep 2016 21:43
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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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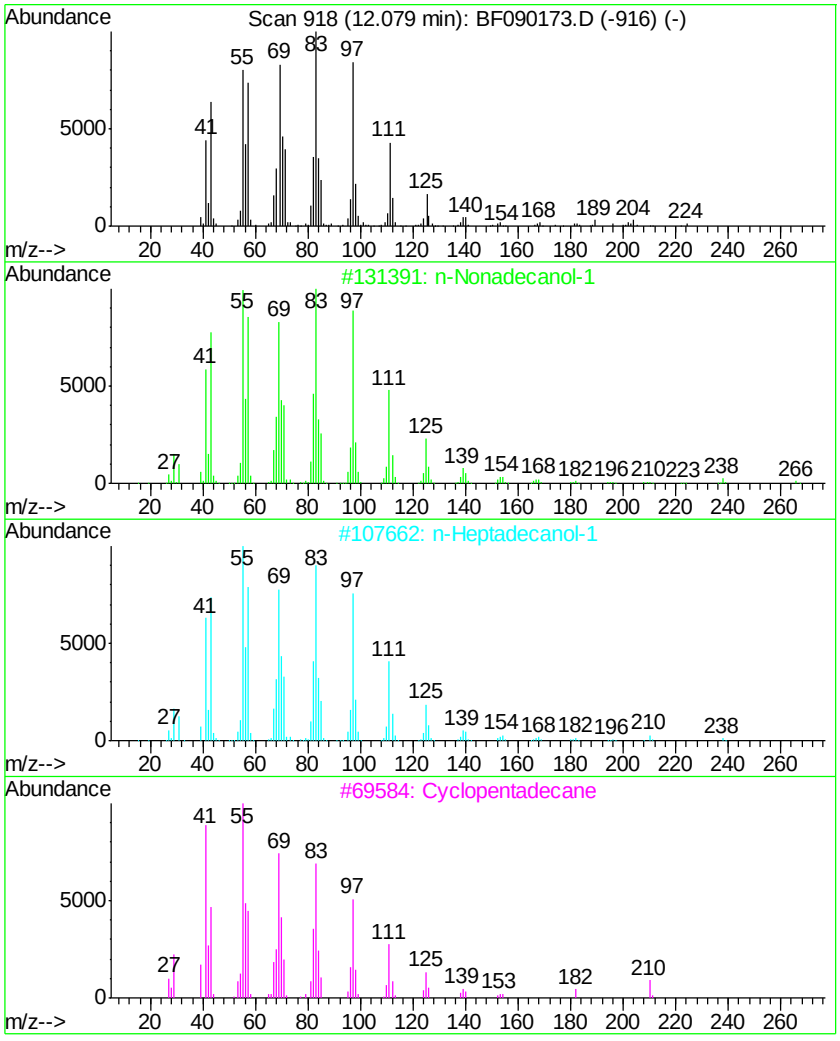
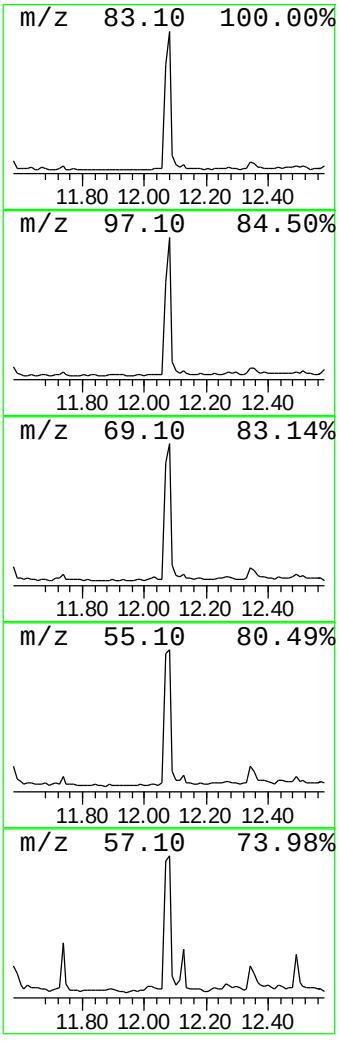
Peak Number 8 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	15.17 ng	840802	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91





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Data File : BF090173.D
Acq On : 21 Sep 2016 21:43
Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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

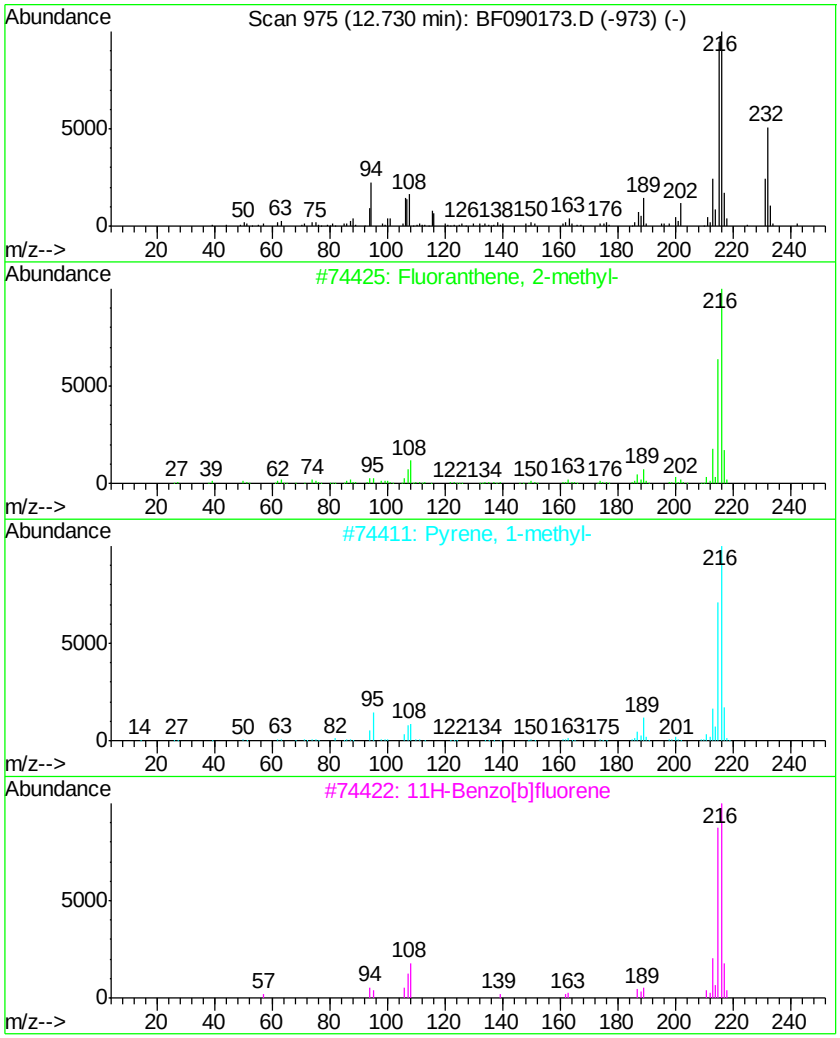
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

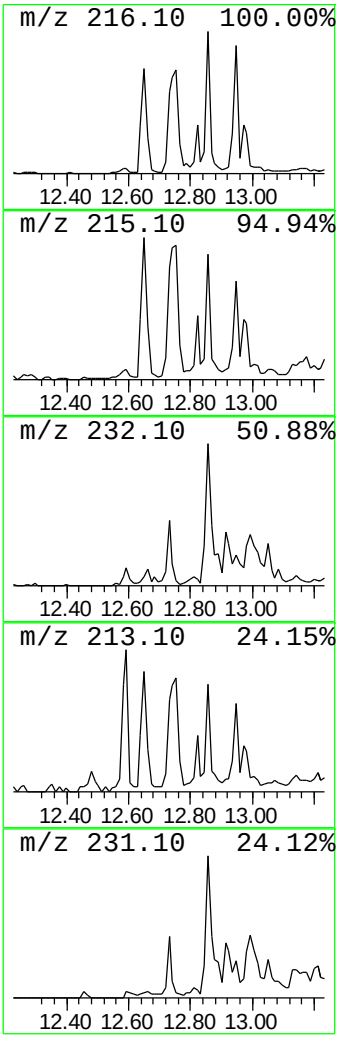
****

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.83 ng	305942	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53





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Instrument : BNA_F
ClientSampleId : SS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

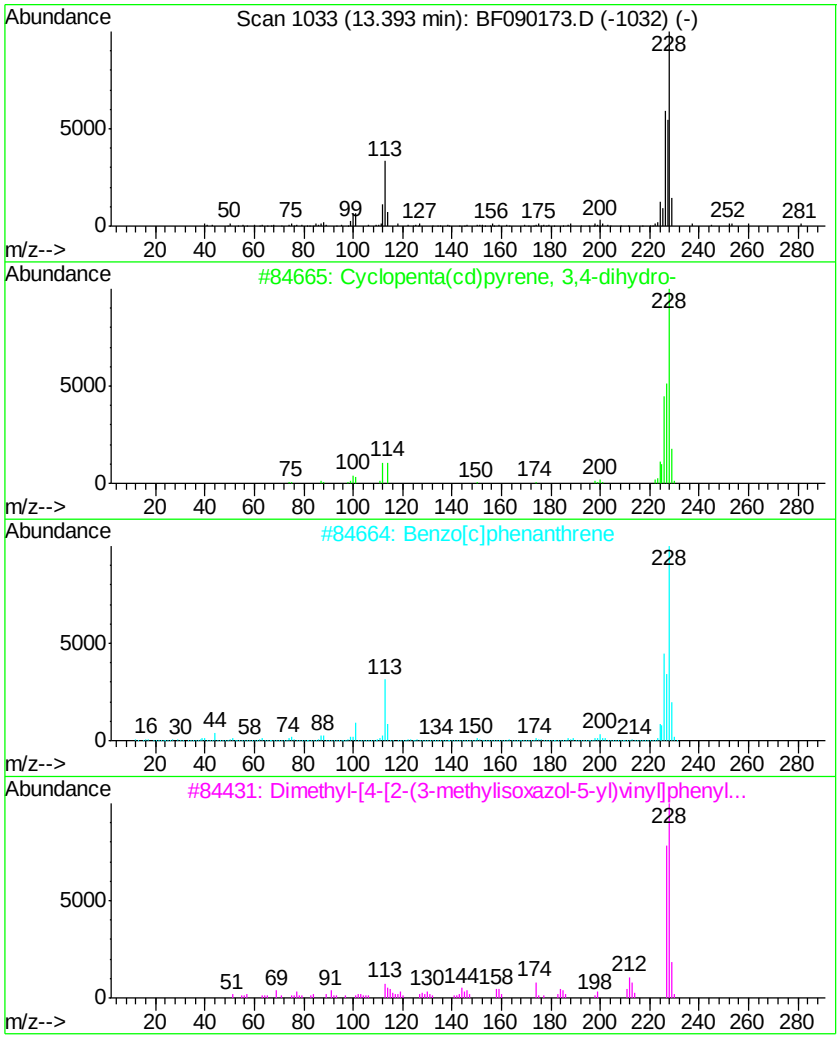
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

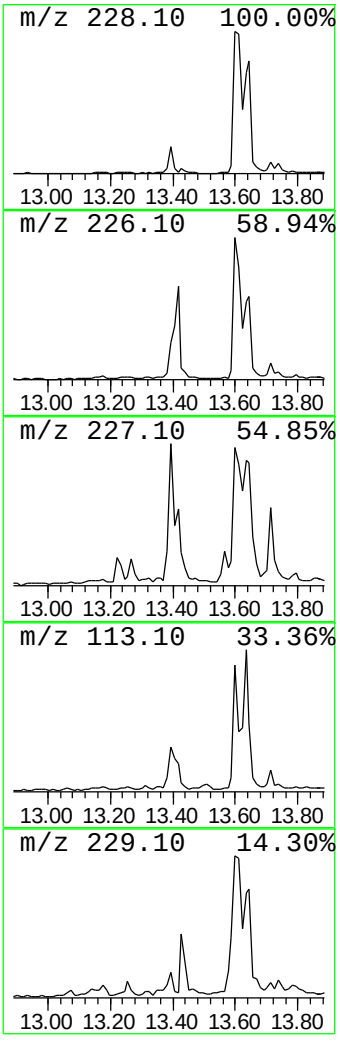
****

Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.79 ng	302478	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	49
4	Triphenylene	228	C18H12	000217-59-4	46
5	Benz[a]anthracene	228	C18H12	000056-55-3	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

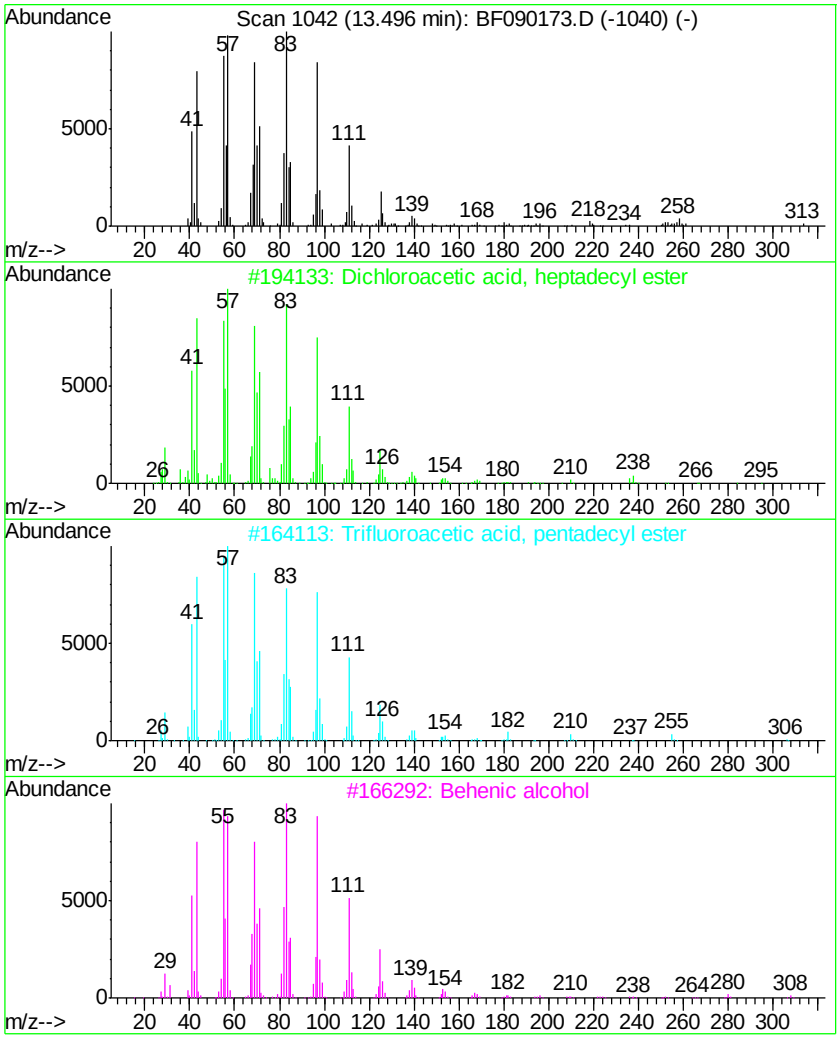
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

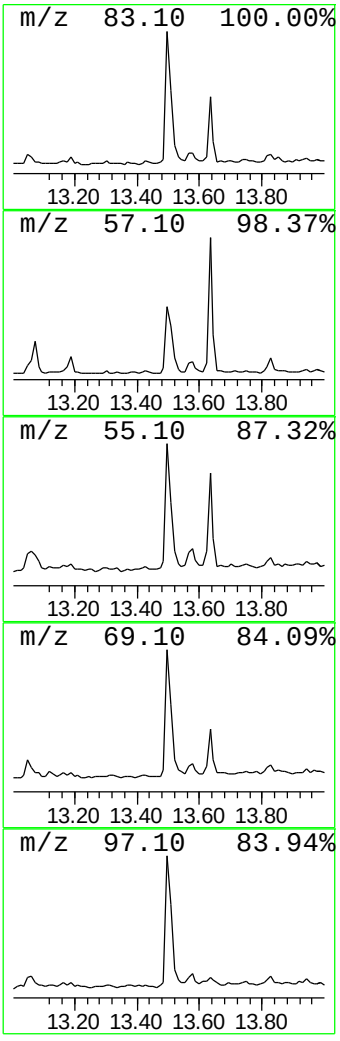
****

Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	6.03 ng	481812	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Library Search Compound Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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
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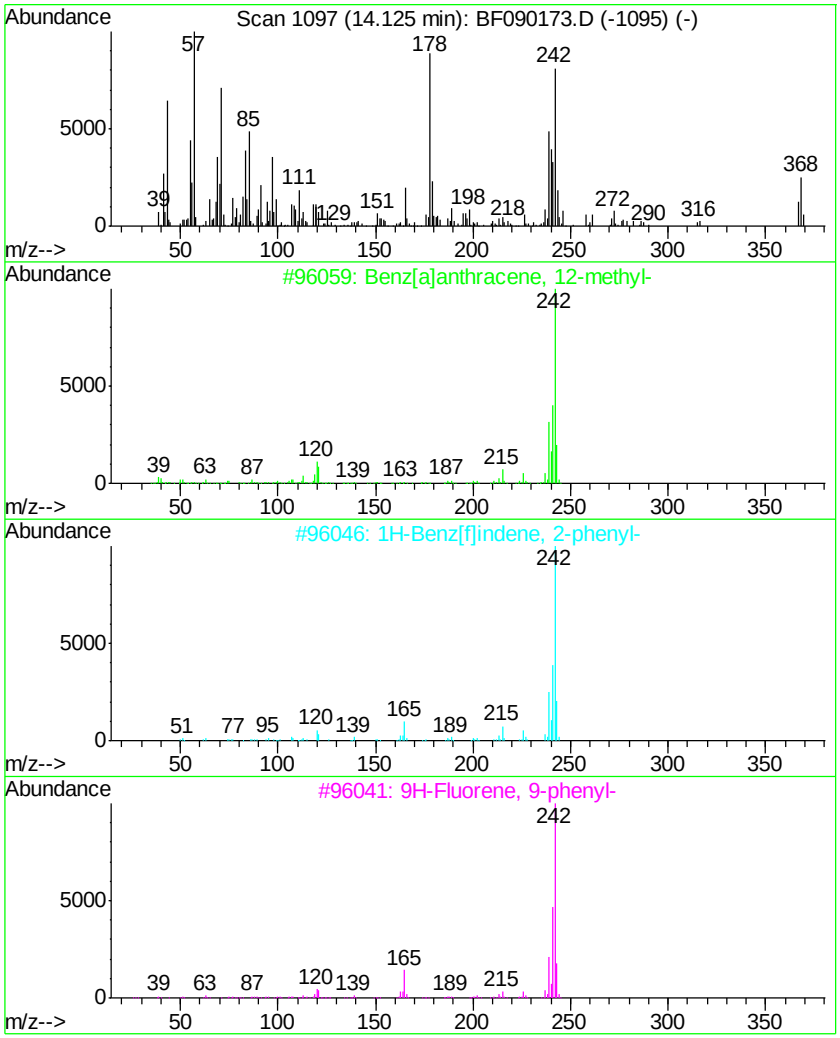
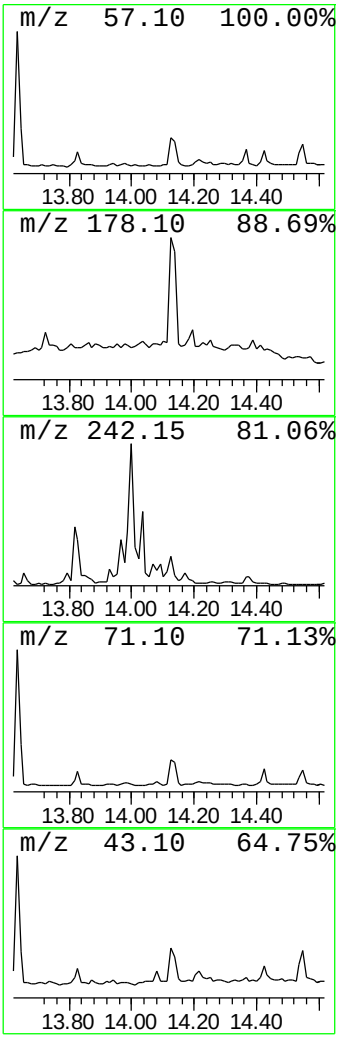
Peak Number 12 Benz[a]anthracene, 12-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	4.53 ng	361895	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	53
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	48
3	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	35
4	9H-Tribenzo[a,c,e]cycloheptene	242	C19H14	000213-10-5	25
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	25





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Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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

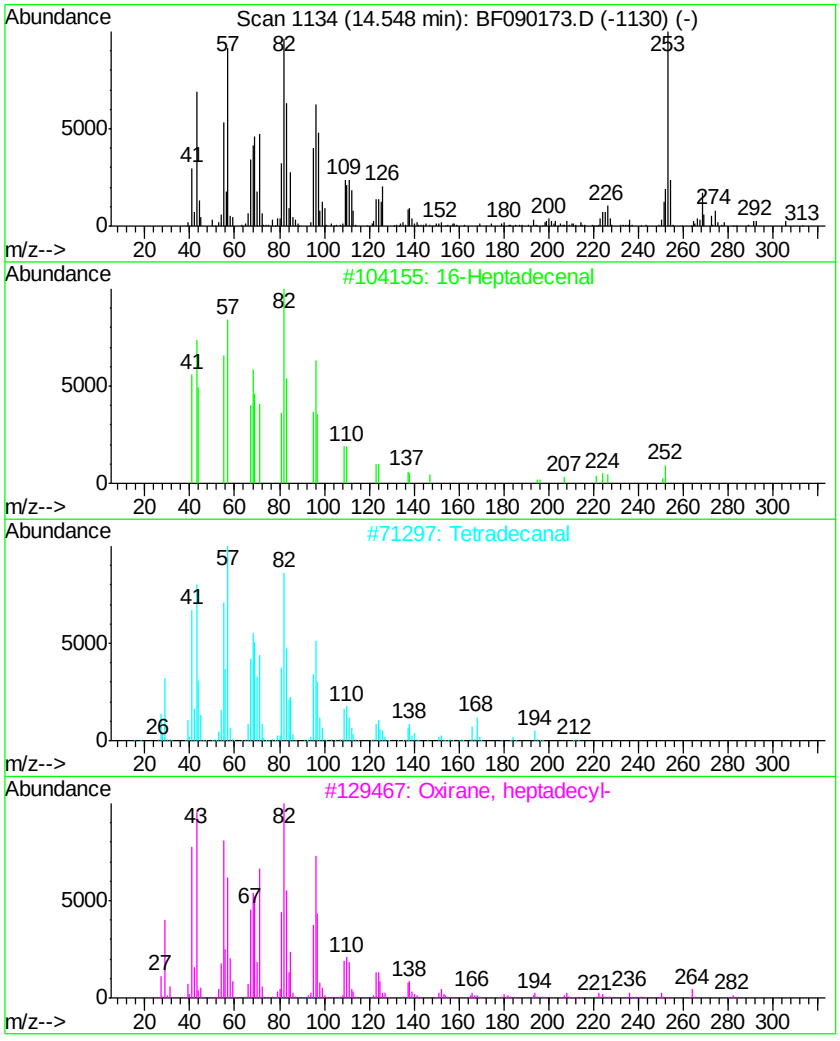
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

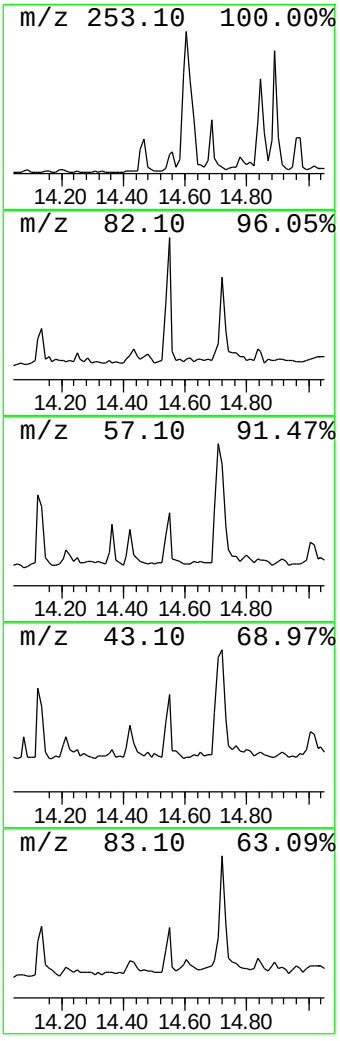
****

Peak Number 13 16-Heptadecenal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.27 ng	295718	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	90
2	Tetradecanal	212	C14H28O	000124-25-4	64
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	55
4	Octadecanal	268	C18H36O	000638-66-4	55
5	1,19-Eicosadiene	278	C20H38	014811-95-1	49





Library Search Compound Report

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Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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

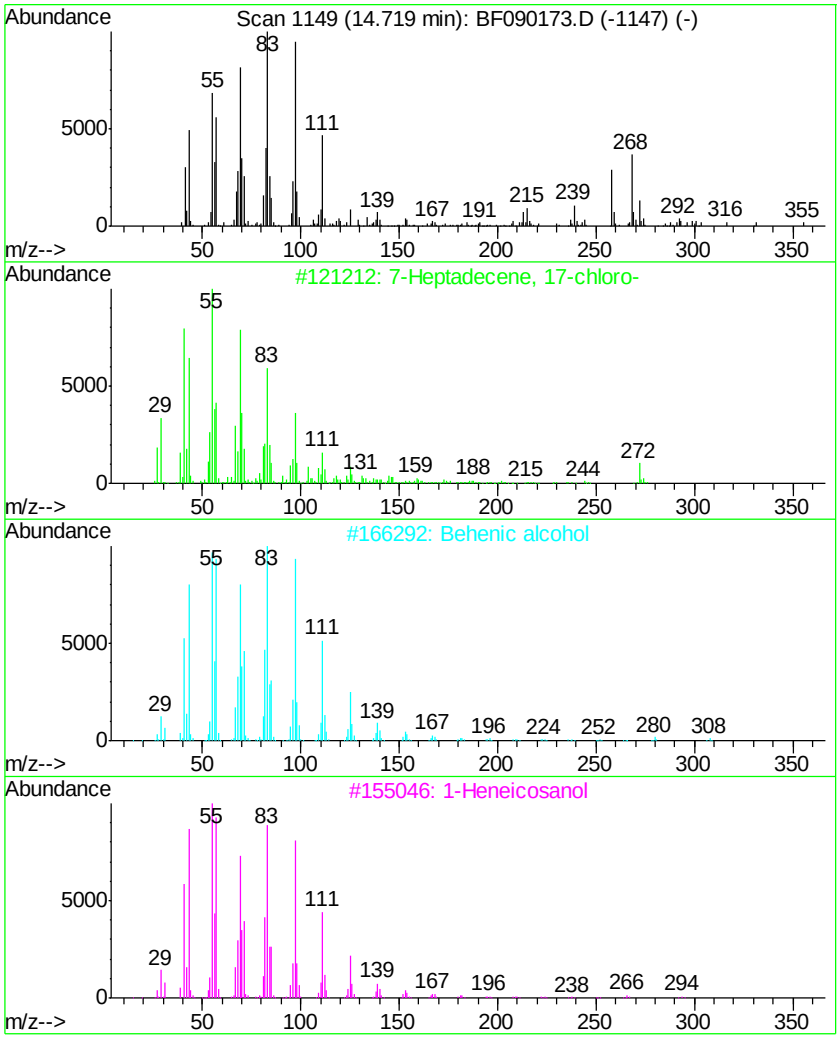
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

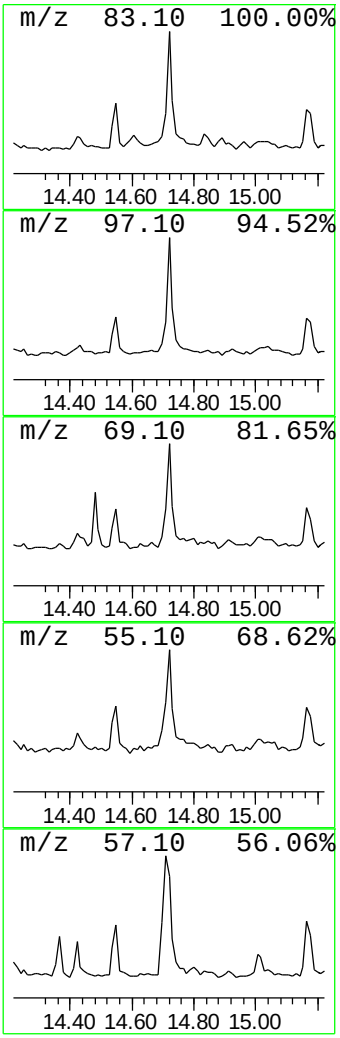
****

Peak Number 15 7-Heptadecene, 17-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.78 ng	262131	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	86
2	Behenic alcohol	326	C22H46O	000661-19-8	80
3	1-Heneicosanol	312	C21H44O	015594-90-8	72
4	Cyclopentadecane	210	C15H30	000295-48-7	64
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	52





Library Search Compound Report

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Operator : UM/SJ
Sample : H4856-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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
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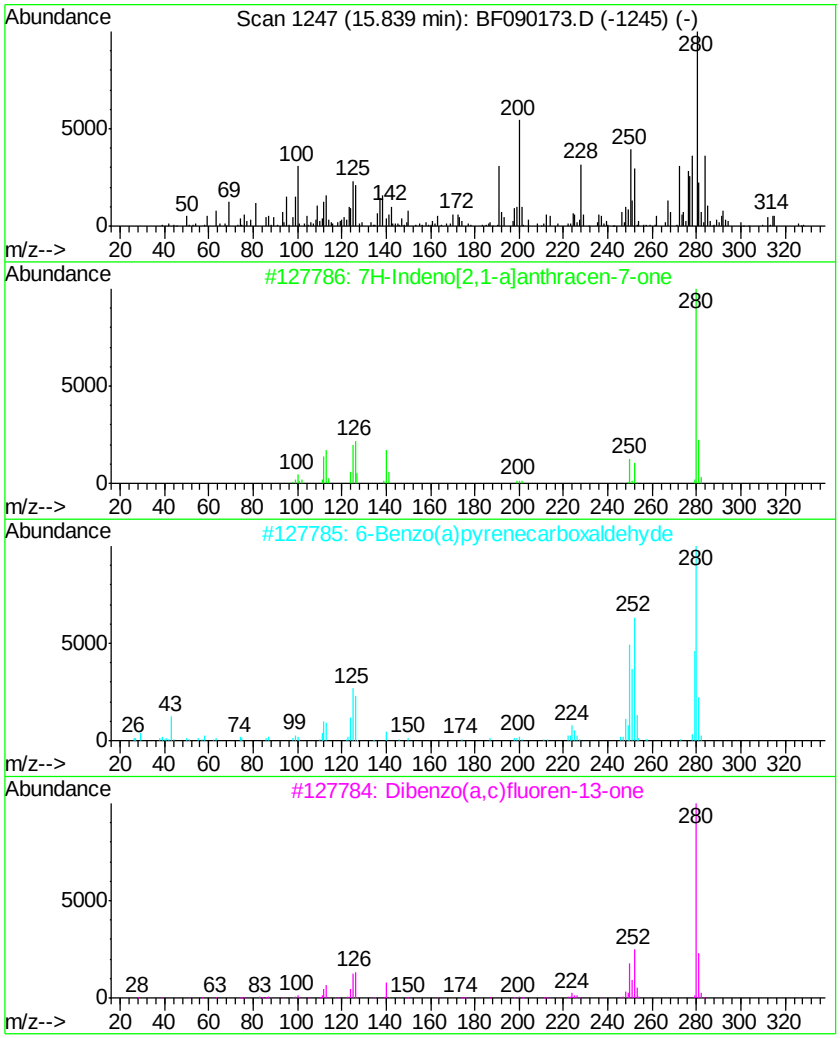
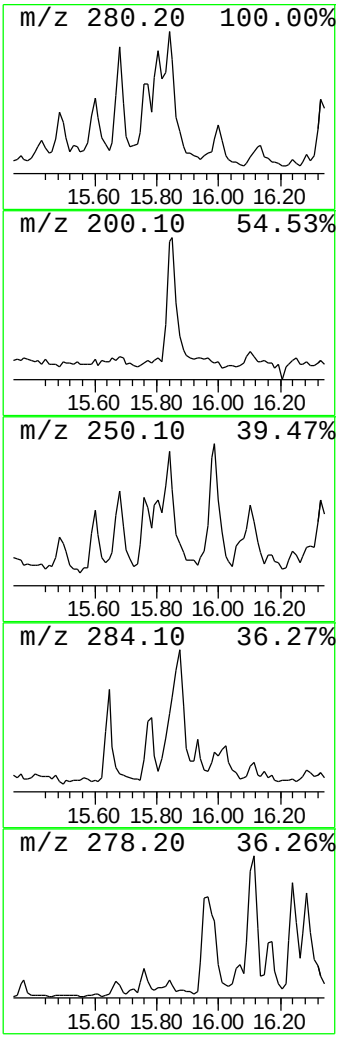
Peak Number 16 7H-Indeno[2,1-a]anthracen-7... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	4.35 ng	301267	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	55
2	6-Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	55
3	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	46
4	11H-Cyclopenta[a]phenanthren-17-...	280	C19H20O2	033760-56-4	30
5	9H-Thioxanthen-9-one, 2-(trifluo...	280	C14H7F3OS	001693-28-3	27





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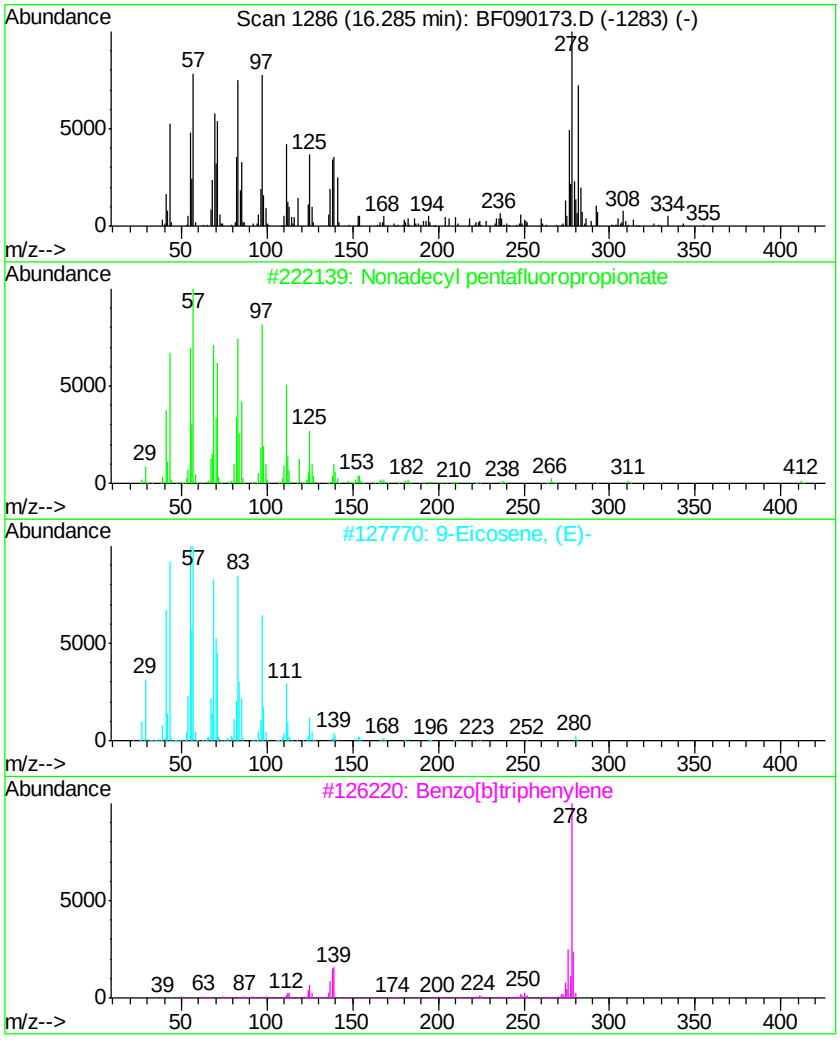
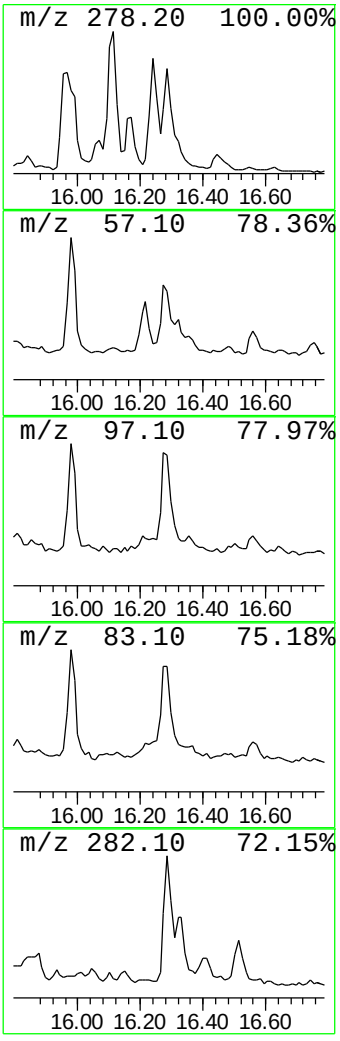
Peak Number 18 Nonadecyl pentafluoropropio... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	4.30 ng	298095	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	59
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	58
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	46
4	1-Heptacosanol	396	C27H56O	002004-39-9	46
5	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	46





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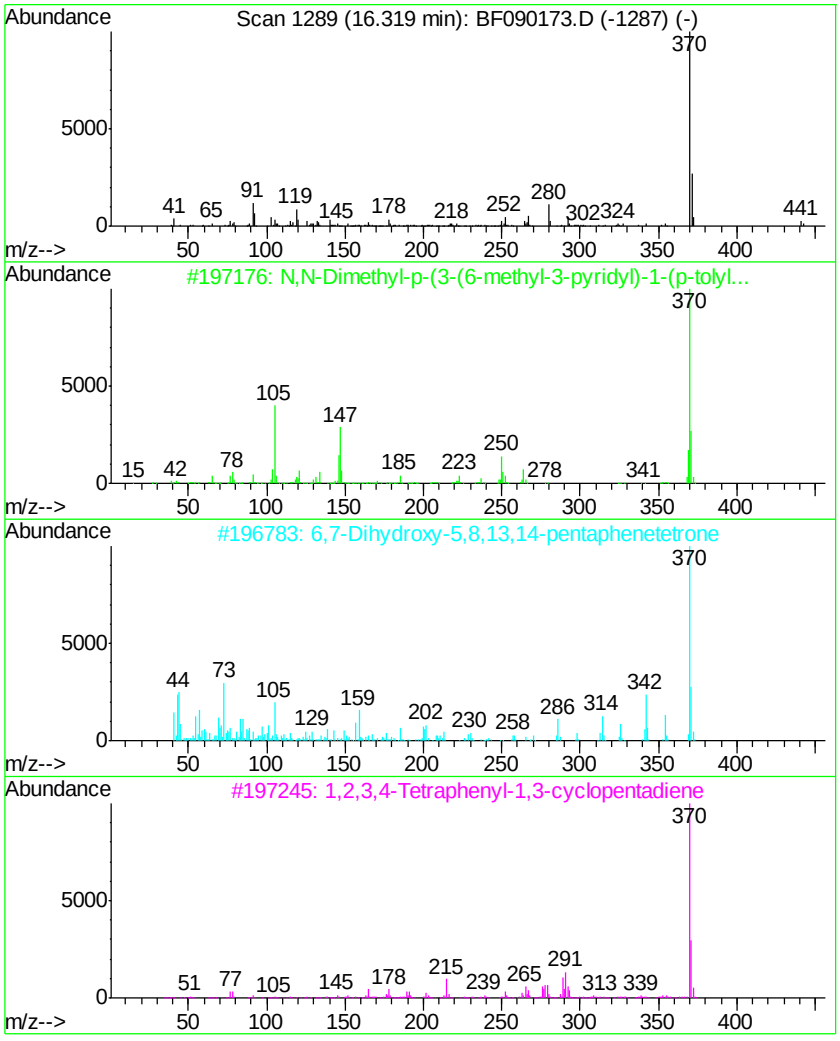
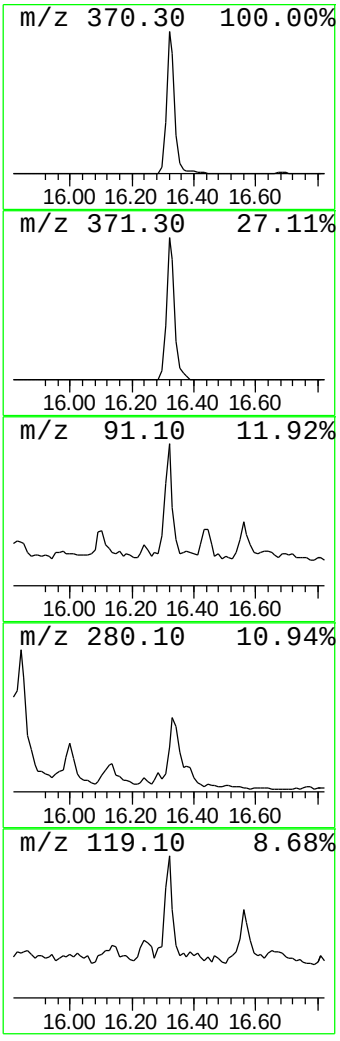
****
Peak Number 19 N,N-Dimethyl-p-(3-(6-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	6.37 ng	441223	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyl-p-(3-(6-methyl-3-py...	370	C24H26N4	010040-69-4	59
2	6,7-Dihydroxy-5,8,13,14-pentaphe...	370	C22H10O6	143592-48-7	59
3	1,2,3,4-Tetraphenyl-1,3-cyclopen...	370	C29H22	015570-45-3	50
4	3-(1-Ethoxy-17.beta.-hydroxyandr...	370	C24H34O3	1000225-51-8	45
5	Anthracene, 1,8-bis[(trimethylsi...	370	C24H26Si2	119796-31-5	39





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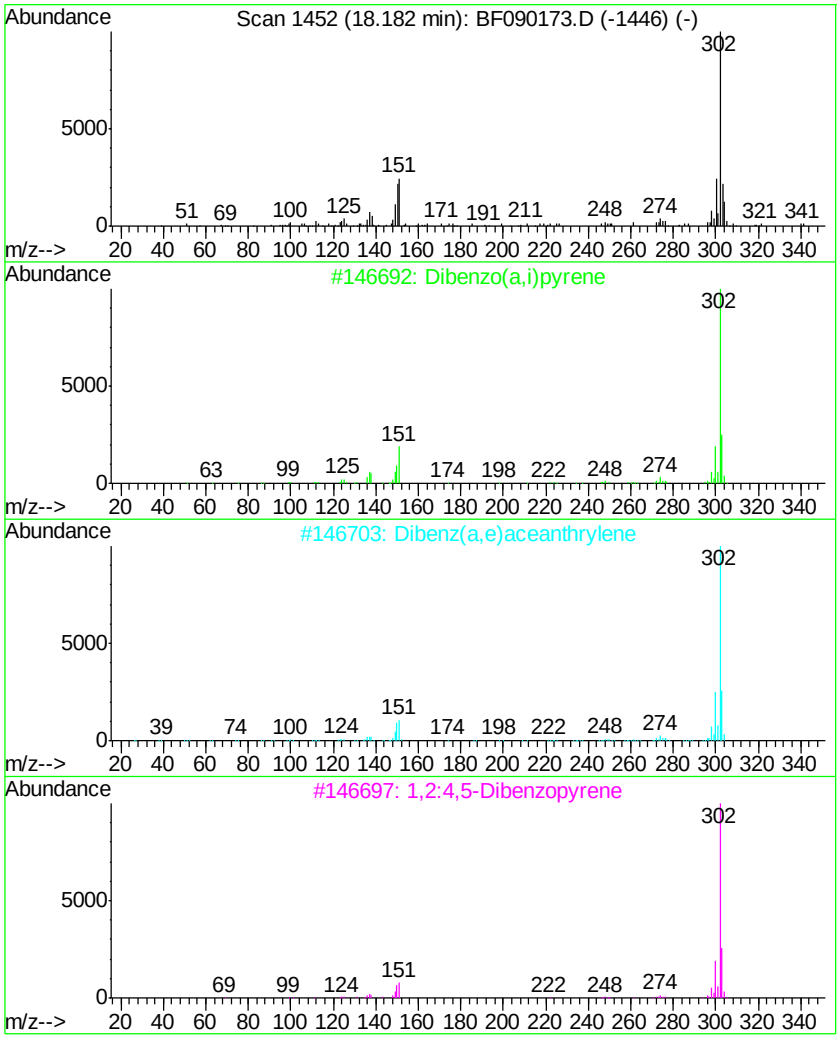
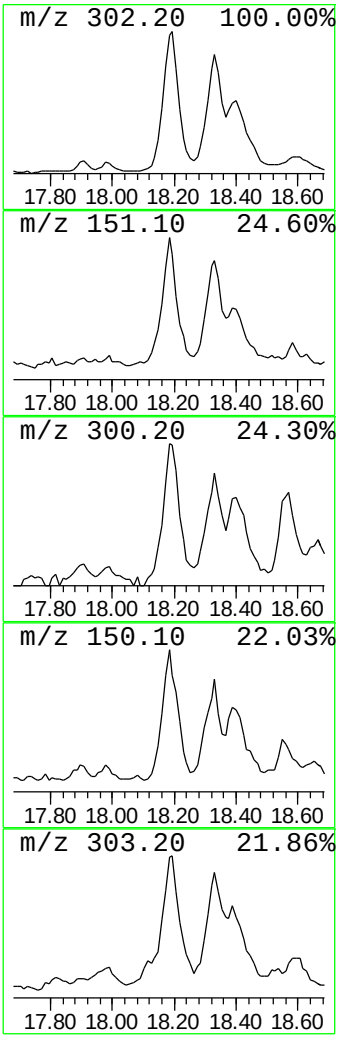
Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	4.96 ng	343738	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	98
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	70





Tentatively Identified Compound (LSC) summary

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Sample : H4856-12
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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	19.0	ng	792788	1	6.50	834647	20.0
unknown6.27	6.27	75.5	ng	3152310	1	6.50	834647	20.0
Heneicosane	10.47	5.6	ng	308804	4	11.00	1108540	20.0
2-Tetradecene, (E)-	11.26	12.1	ng	667940	4	11.00	1108540	20.0
Tetradecane	11.74	4.5	ng	251746	4	11.00	1108540	20.0
n-Nonadecanol-1	12.08	15.2	ng	840802	4	11.00	1108540	20.0
Fluoranthene, 2-m...	12.73	3.8	ng	305942	5	13.61	1598020	20.0
Cyclopenta(cd)pyr...	13.39	3.8	ng	302478	5	13.61	1598020	20.0
Dichloroacetic ac...	13.50	6.0	ng	481812	5	13.61	1598020	20.0
Benz[a]anthracene...	14.12	4.5	ng	361895	5	13.61	1598020	20.0
16-Heptadecenal	14.55	4.3	ng	295718	6	14.95	1385330	20.0
7-Heptadecene, 17...	14.72	3.8	ng	262131	6	14.95	1385330	20.0
7H-Indeno[2,1-a]a...	15.84	4.3	ng	301267	6	14.95	1385330	20.0
Nonadecyl pentafl...	16.29	4.3	ng	298095	6	14.95	1385330	20.0
N,N-Dimethyl-p-(3...	16.32	6.4	ng	441223	6	14.95	1385330	20.0
Dibenzo(a,i)pyrene	18.18	5.0	ng	343738	6	14.95	1385330	20.0