LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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	1.667	6	7	37	rVB	1421513	3429778	100.00%	9.842%
2	4.581	260	262	273	rVB	186624	301424	8.79%	0.865%
3	5.061	302	304	307	rBV	1075800	1273092	37.12%	3.653%
4	6.159	397	400	402	rBV	1507462	1408882	41.08%	4.043%
5	6.273	407	410	412	rVV	1600854	1574384	45.90%	4.518%
6	6.330	412	415	416	rVV	35426	40399	1.18%	0.116%
7	6.502	428	430	433	rBV	676638	747813	21.80%	2.146%
8	6.662	442	444	446	rBV	1401050	1251416	36.49%	3.591%
9	7.073	478	480	484	rBV	948677	875053	25.51%	2.511%
10	7.793	541	543	547	rBV	1226018	1146459	33.43%	3.290%
11	8.502	603	605	607	rVV	86626	92373	2.69%	0.265%
12	8.605	612	614	616	rVB	118395	98121	2.86%	0.282%
13	8.879	635	638	640	rBV	1470266	1768029	51.55%	5.073%
14	8.970	644	646	648	rBV	42983	51025	1.49%	0.146%
15	9.130	658	660	662	rBV	37646	48572	1.42%	0.139%
16	9.199	664	666	668	rBV	85397	106903	3.12%	0.307%
17	9.233	668	669	671	rVV	49479	38105	1.11%	0.109%
18	9.279	671	673	675	rVV	463078	523619	15.27%	1.503%
19	9.313	675	676	680	rVV	56418	74051	2.16%	0.212%
20	9.393	681	683	686	rVB	146192	148985	4.34%	0.428%
21	9.496	691	692	694	rBV	36999	51778	1.51%	0.149%
22	9.542	694	696	697	rVV	1028439	1228729	35.83%	3.526%
23	9.565	697	698	703	rVB	100910	124327	3.62%	0.357%
24	9.736	711	713	715	rBV	71732	94404	2.75%	0.271%
25	9.862	722	724	725	rBV	37195	52368	1.53%	0.150%
26	9.942	729	731	734	rBV2	51145	82939	2.42%	0.238%
27	9.999	734	736	737	rVB2	69469	63404	1.85%	0.182%
28	10.079	741	743	745	rBV	154302	138743	4.05%	0.398%
29	10.216	752	755	756	rVV2	42183	61544	1.79%	0.177%
30	10.239	756	757	761	rVV	68983	65100	1.90%	0.187%
31	10.319	761	764	767	rVV	1018085	1028297	29.98%	2.951%
32	10.365	767	768	771	rVB	41505	37426	1.09%	0.107%
33	10.479	773	778	780	rBV2	99547	173207	5.05%	0.497%
34	10.628	786	791	792	rBV2	29098	52129	1.52%	0.150%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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	10.753	800	802	806	rVV2	55073	98399	2.87%	0.282%
36	10.810	806	807	810	rVB	41437	53179	1.55%	0.153%
37	10.868	810	812	813	rBV	45246	51592	1.50%	0.148%
38	10.913	813	816	817	rVV2	77245	112772	3.29%	0.324%
39	11.005	821	824	825	rBV	1006064	957479	27.92%	2.748%
40	11.028	825	826	828	rVV	1057658	854621	24.92%	2.452%
41	11.073	828	830	833	rVV	129060	221000	6.44%	0.634%
42	11.245	841	845	846	rBV2	70324	107982	3.15%	0.310%
43	11.302	849	850	852	rVV2	21973	34967	1.02%	0.100%
44	11.336	852	853	856	rVB2	81237	70258	2.05%	0.202%
45	11.508	865	868	869	rBV	116895	152194	4.44%	0.437%
46	11.531	869	870	872	rVV	215001	188611	5.50%	0.541%
47	11.588	872	875	882	rVV2	274848	805023	23.47%	2.310%
48	11.736	887	888	891	rVV	61355	70045	2.04%	0.201%
49	11.816	891	895	899	rVB2	90543	192646	5.62%	0.553%
50	11.942	904	906	908	rBV2	31288	51606	1.50%	0.148%
51	12.056	913	916	917	rBV	68006	109965	3.21%	0.316%
52	12.079	917	918	921	rBV2	29468	45929	1.34%	0.132%
53	12.125	921	922	926	rVB2	102394	132724	3.87%	0.381%
54	12.205	926	929	931	rBV	1317288	1224951	35.72%	3.515%
55	12.262	932	934	936	rBV2	43686	53291	1.55%	0.153%
56	12.296	936	937	939	rVB	74058	62198	1.81%	0.178%
57	12.342	939	941	946	rBV3	84000	170784	4.98%	0.490%
58	12.422	946	948	950	rBV	898327	1132886	33.03%	3.251%
59	12.479	950	953	957	rVB3	56548	135763	3.96%	0.390%
60	12.548	957	959	960	rBV	62099	58433	1.70%	0.168%
61	12.582	960	962	965	rVB	942965	1066037	31.08%	3.059%
62	12.651	965	968	972	rVB4	67967	132028	3.85%	0.379%
63	12.754	973	977	979	rVB2	131952	227117	6.62%	0.652%
64	12.822	981	983	984	rBV	96598	81177	2.37%	0.233%
65	12.856	984	986	990	rVB2	142579	178915	5.22%	0.513%
66	12.948	992	994	995	rBV	66236	67660	1.97%	0.194%
67	12.982	995	997	1000	rVB3	45791	62520	1.82%	0.179%
68	13.062	1002	1004	1005	rBV2	47366	55173	1.61%	0.158%
69	13.096	1005	1007	1008	rVB	75216	90741	2.65%	0.260%
70	13.131	1008	1010	1012	rBV2	46050	87262	2.54%	0.250%
71	13.176	1012	1014	1016	rVB3	39873	72679	2.12%	0.209%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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	13.256	1019	1021	1024	rVB	82989	84269	2.46%	0.242%
73	13.359	1028	1030	1032	rBV2	71967	127437	3.72%	0.366%
74	13.394	1032	1033	1034	rBV	61313	56548	1.65%	0.162%
75	13.508	1041	1043	1047	rVB3	215501	315908	9.21%	0.907%
76	13.611	1049	1052	1057	rBV4	872153	2137980	62.34%	6.135%
77	13.714	1059	1061	1063	rVV2	75212	85216	2.48%	0.245%
78	13.759	1063	1065	1066	rVV	53310	70945	2.07%	0.204%
79	13.828	1069	1071	1074	rVV2	66535	150871	4.40%	0.433%
80	13.885	1074	1076	1079	rVB3	64282	109323	3.19%	0.314%
81	13.999	1084	1086	1088	rBV	91688	109510	3.19%	0.314%
82	14.034	1088	1089	1091	rVB2	106936	99648	2.91%	0.286%
83	14.091	1092	1094	1095	rVB	56579	42872	1.25%	0.123%
84	14.137	1095	1098	1101	rBV4	135237	234957	6.85%	0.674%
85	14.399	1119	1121	1124	rBV3	154227	212304	6.19%	0.609%
86	14.605	1136	1139	1143	rBV	489945	949158	27.67%	2.724%
87	14.685	1144	1146	1147	rBV	95499	79369	2.31%	0.228%
88	14.845	1158	1160	1162	rVB	280581	325007	9.48%	0.933%
89	14.891	1162	1164	1166	rBV	423448	444433	12.96%	1.275%
90	14.948	1166	1169	1173	rVV2	537195	810220	23.62%	2.325%
91	15.360	1203	1205	1207	rBV2	65353	113403	3.31%	0.325%
92	15.977	1256	1259	1261	rBV2	69041	170571	4.97%	0.489%
93	16.102	1267	1270	1274	rVB2	188112	346393	10.10%	0.994%
94	16.445	1297	1300	1305	rVB	143146	248591	7.25%	0.713%

Sum of corrected areas: 34848418

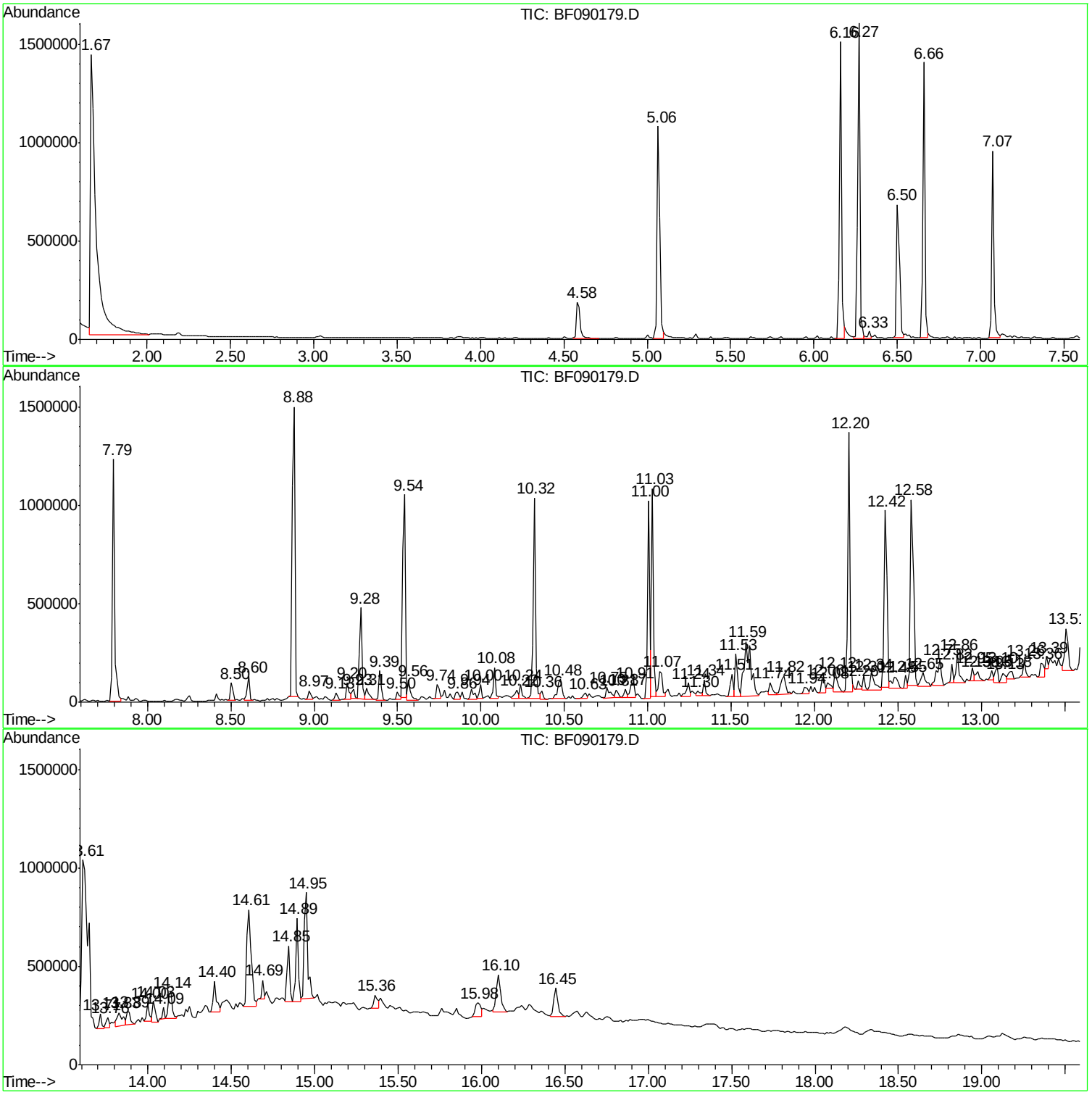
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-6-0.5-1.5FT

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 : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

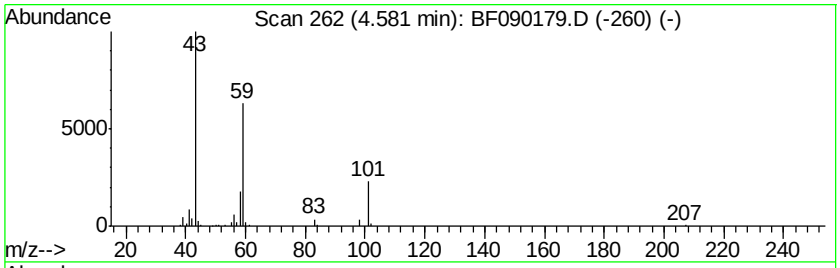
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

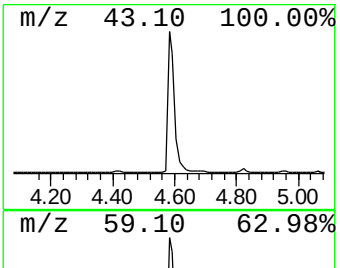
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	8.06 ng	301424	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	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
3	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

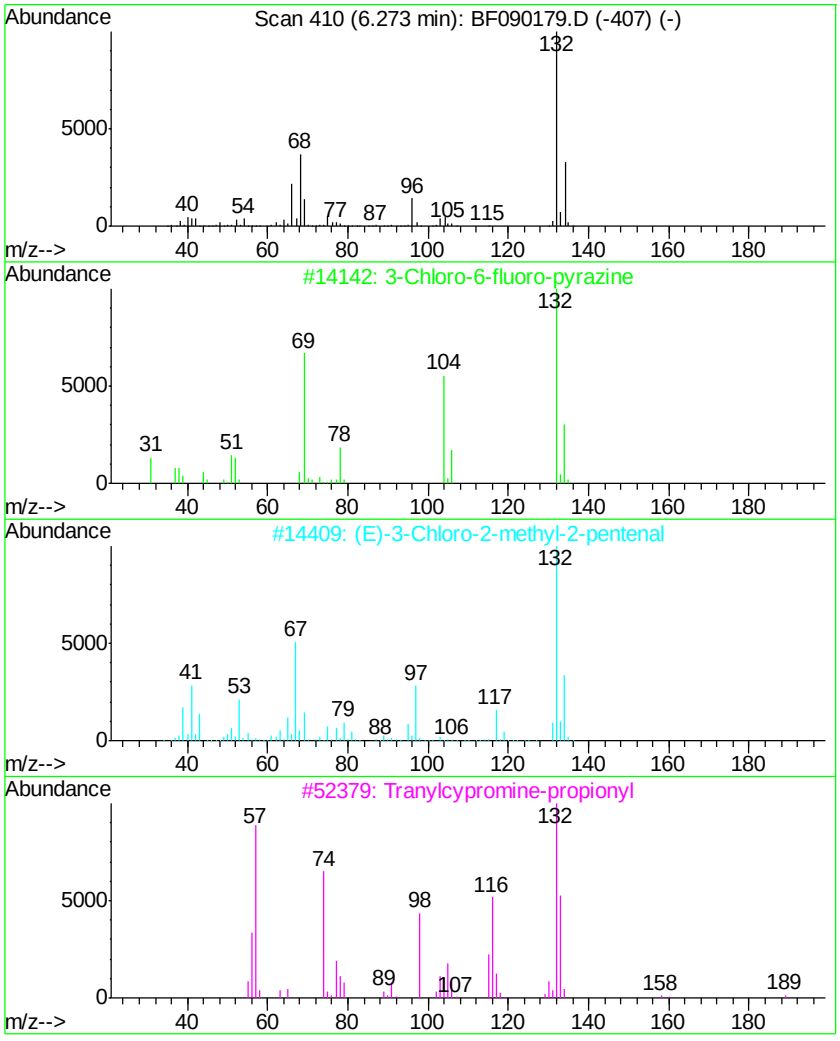
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

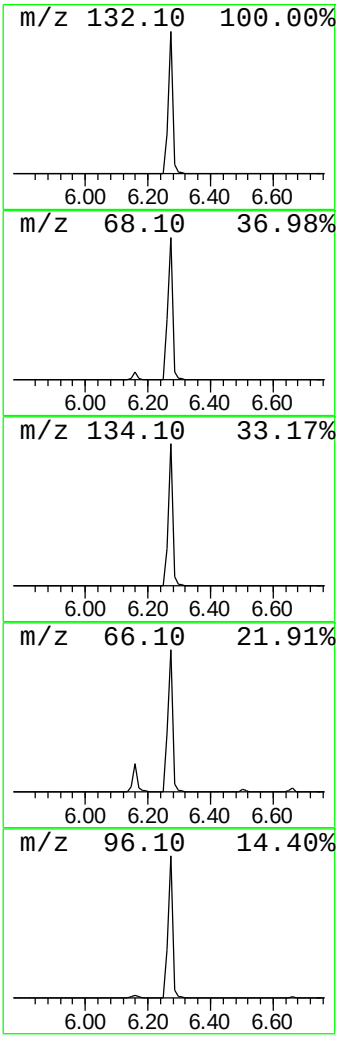
****

Peak Number 3 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	42.11 ng	1574380	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

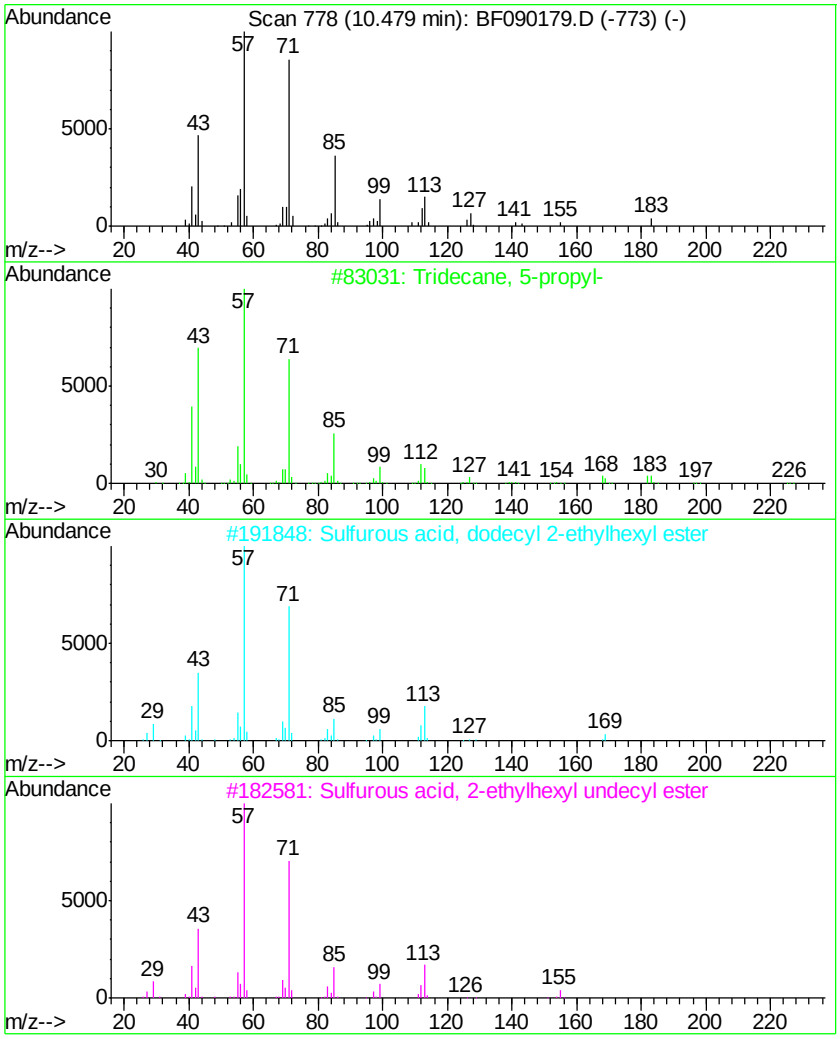
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

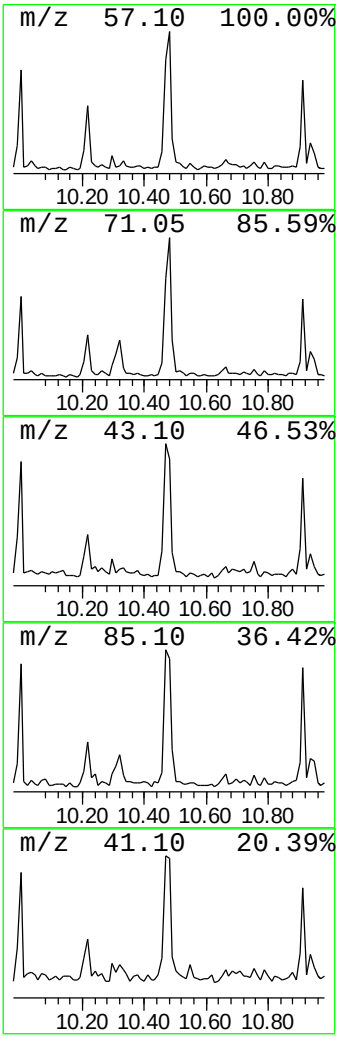
****

Peak Number 5 Tridecane, 5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	3.62 ng	173207	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

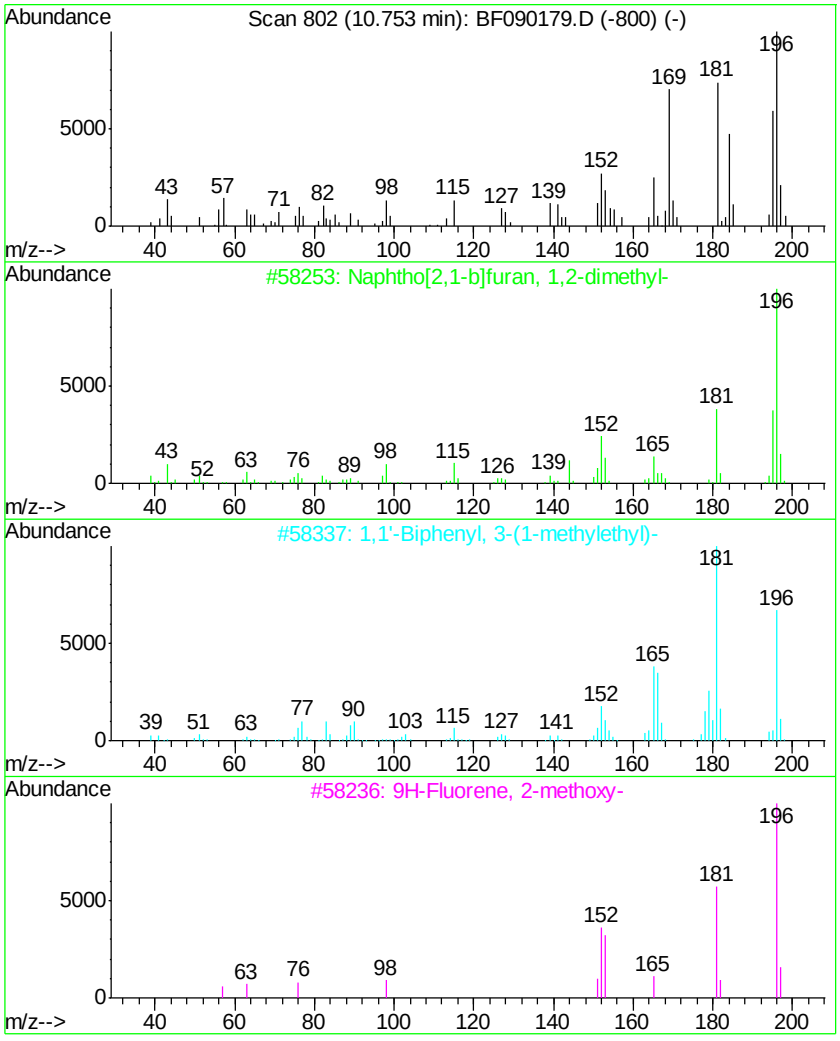
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

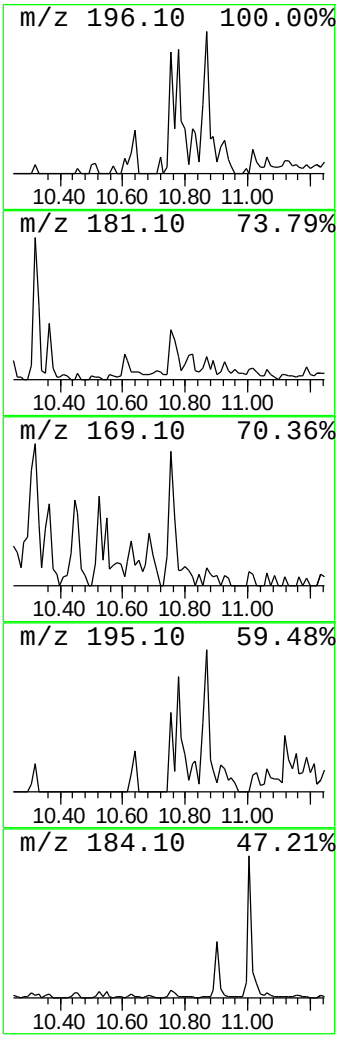
****

Peak Number 6 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.06 ng	98399	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	55
2	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	43
3	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	38
4	Silane, (4-methoxyphenoxy)trimet...	196	C10H16O2Si	006689-38-9	38
5	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

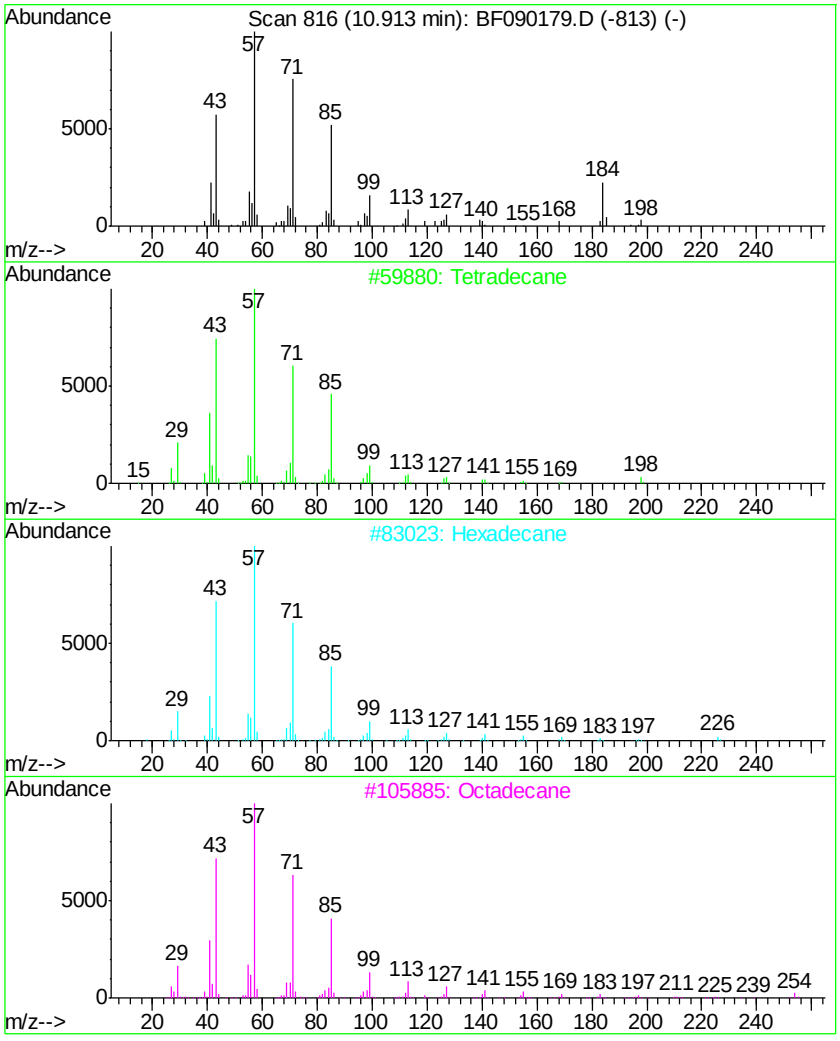
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

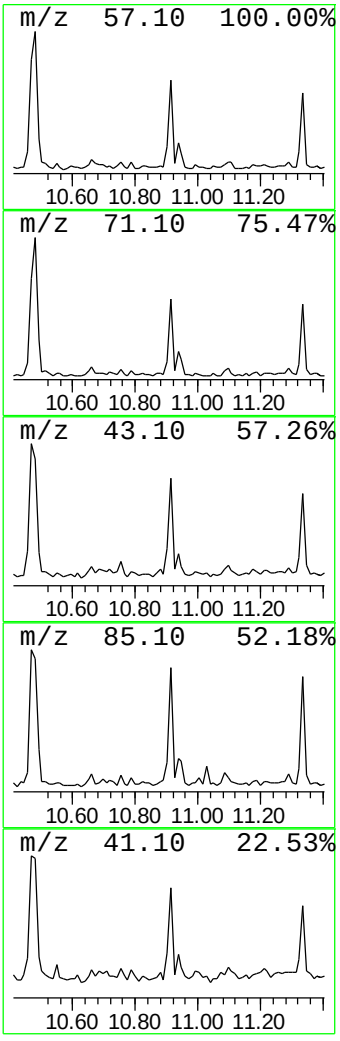
****

Peak Number 7 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.36 ng	112772	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Hexadecane	226	C16H34	000544-76-3	80
3	Octadecane	254	C18H38	000593-45-3	80
4	Heneicosane	296	C21H44	000629-94-7	74
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

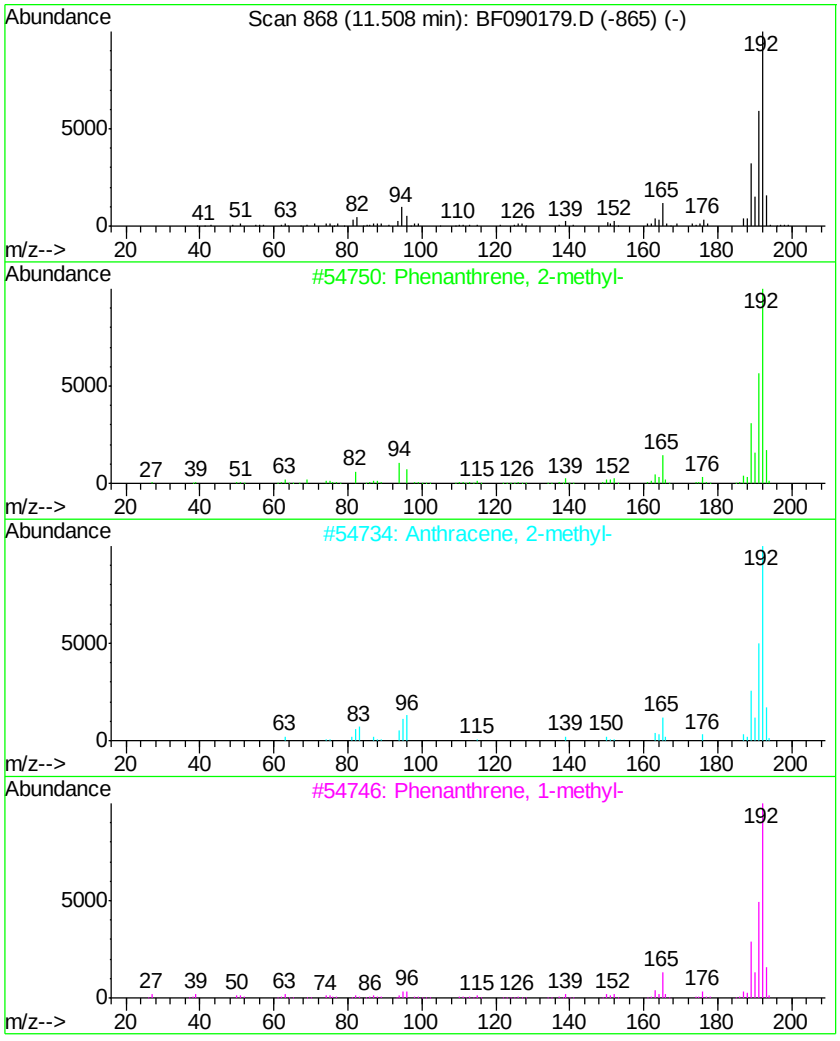
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

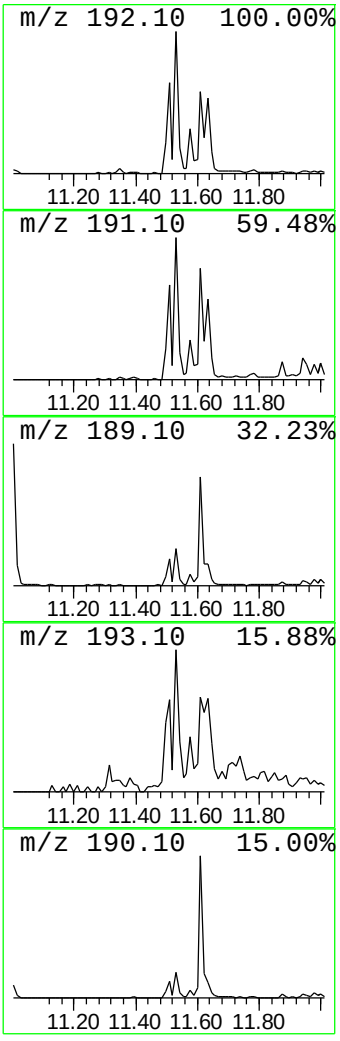
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	3.18 ng	152194	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

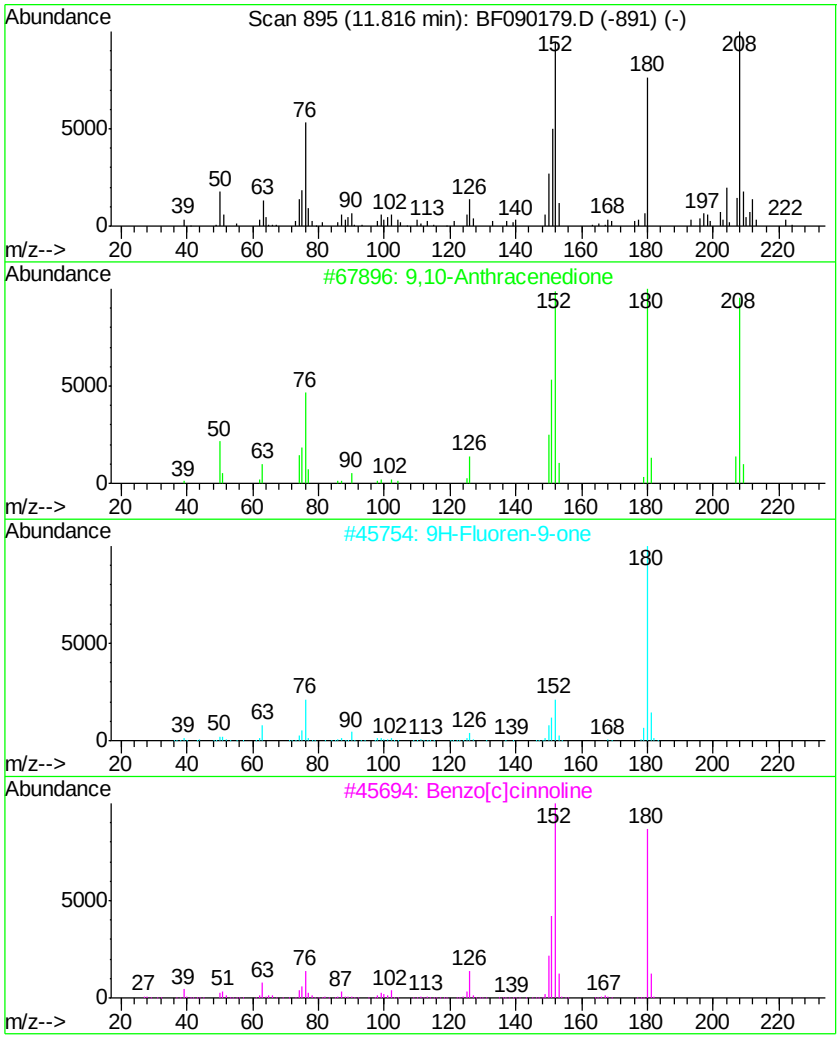
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

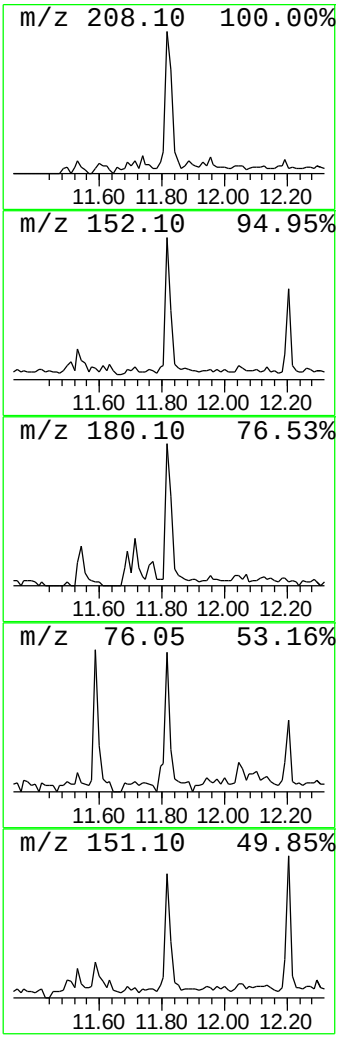
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.02 ng	192646	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

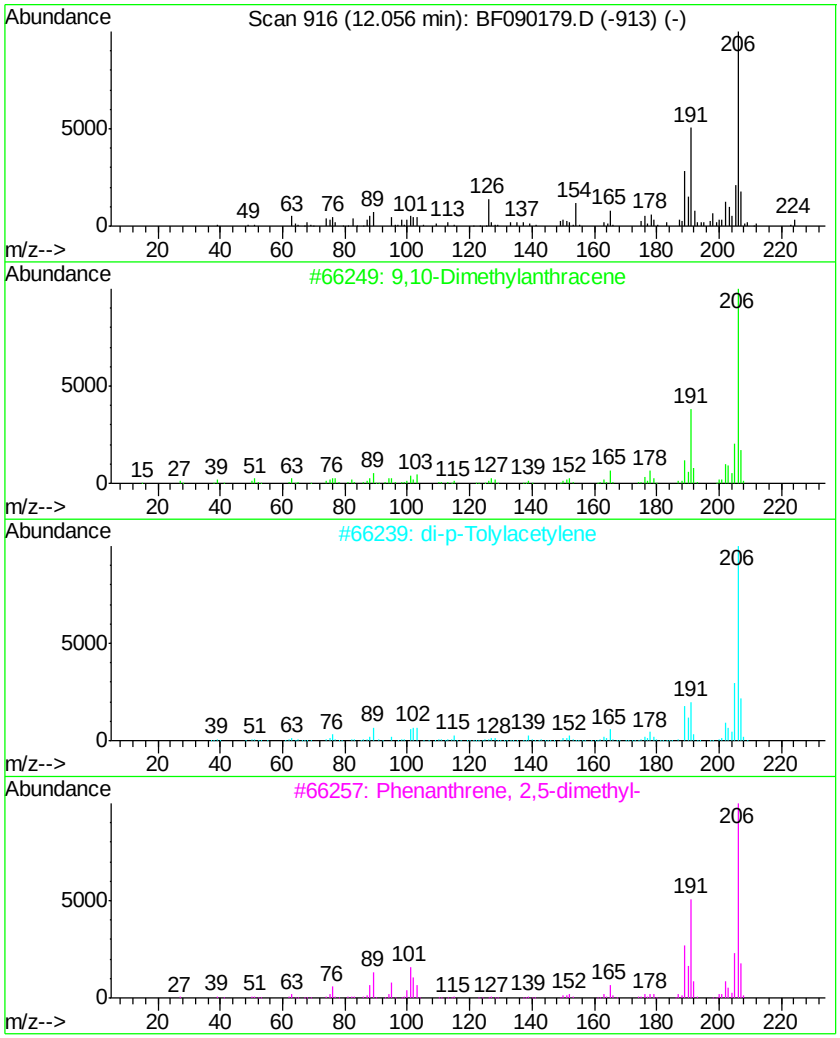
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

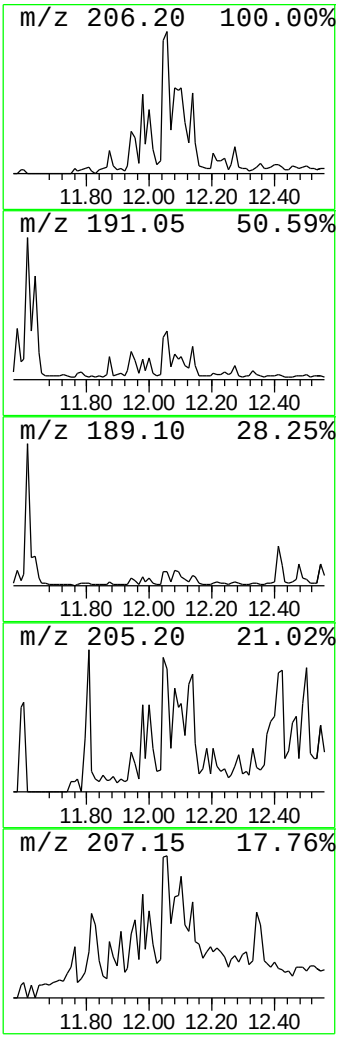
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.30 ng	109965	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

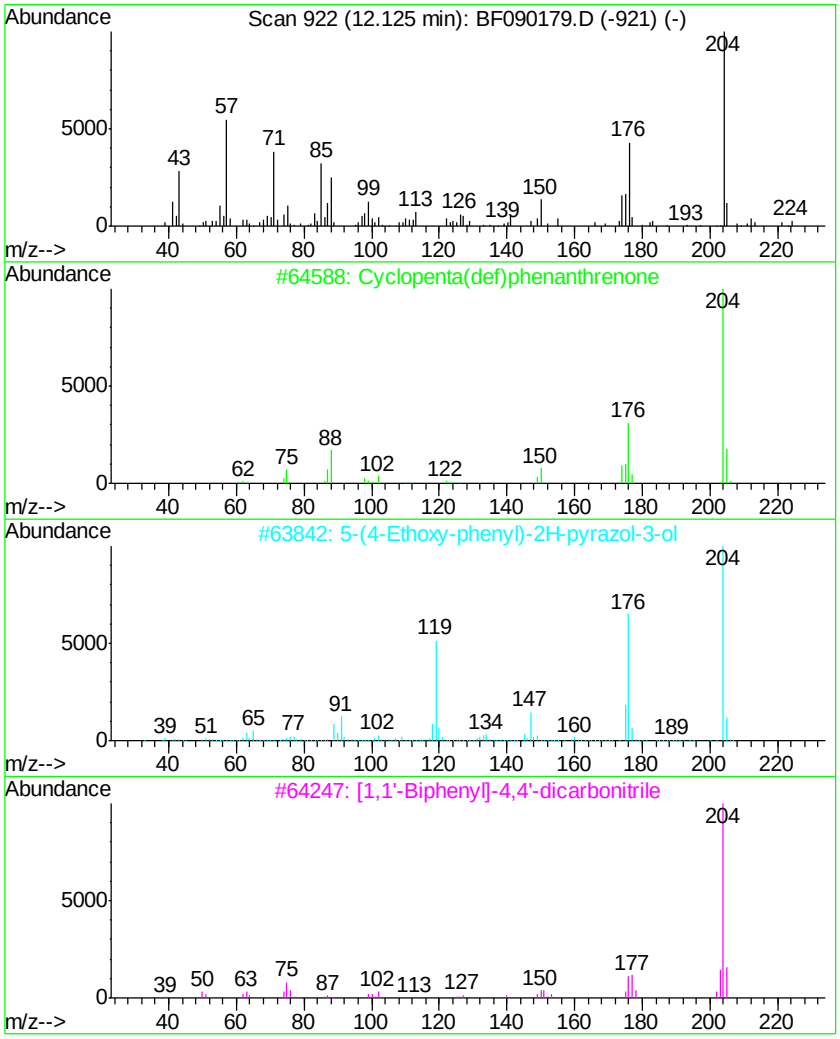
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

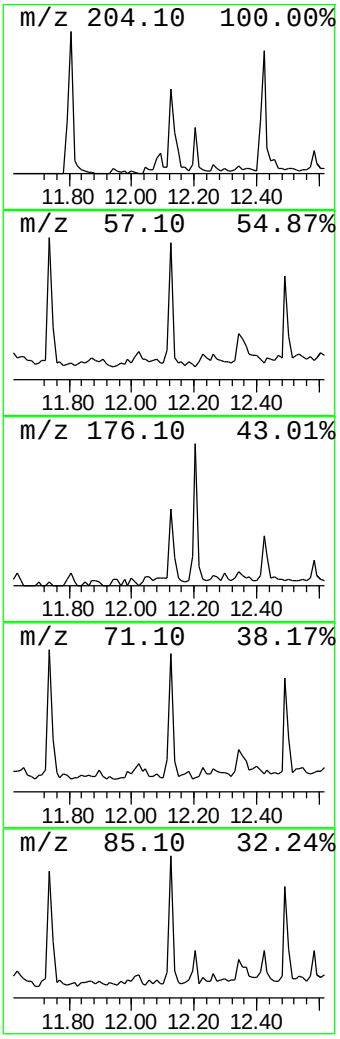
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.77 ng	132724	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	37
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	35
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	27
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

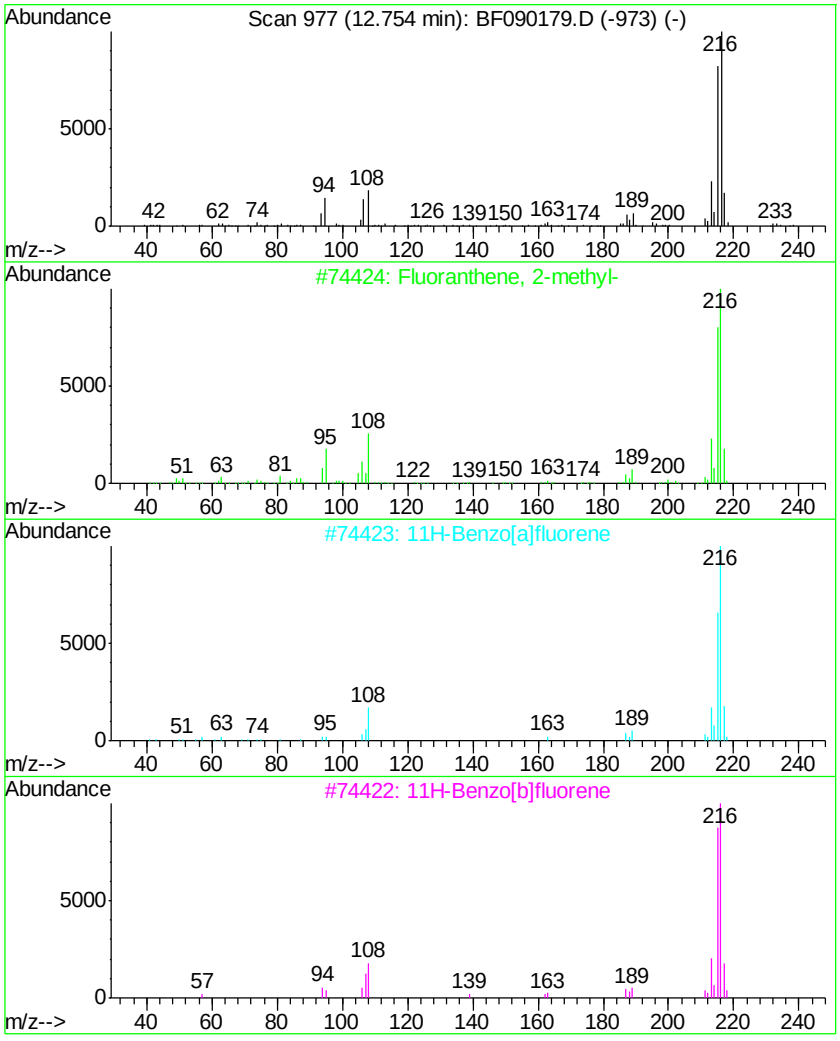
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

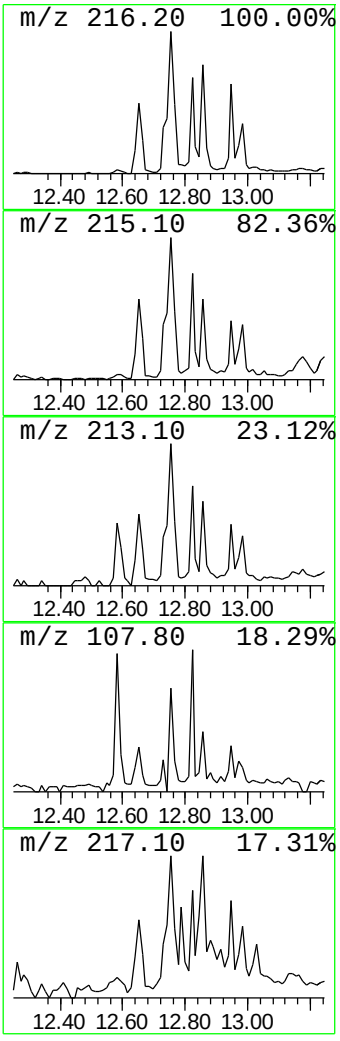
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.12 ng	227117	Chrysene-d12	13.62

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

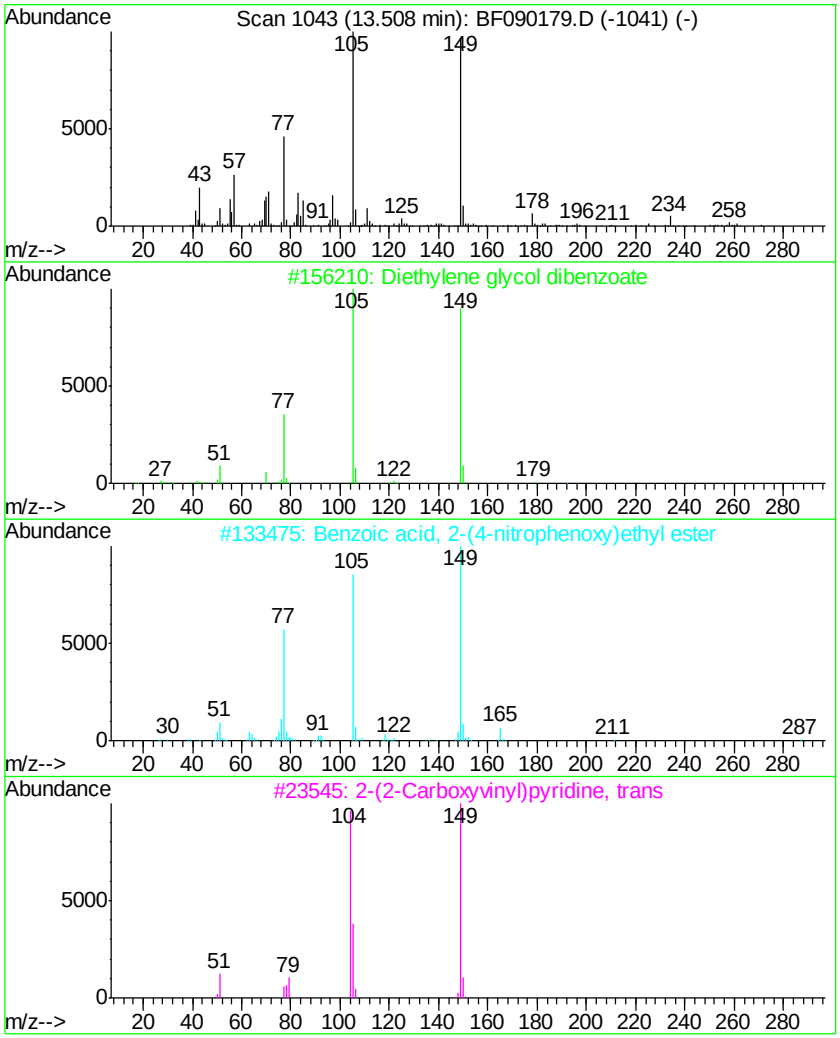
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

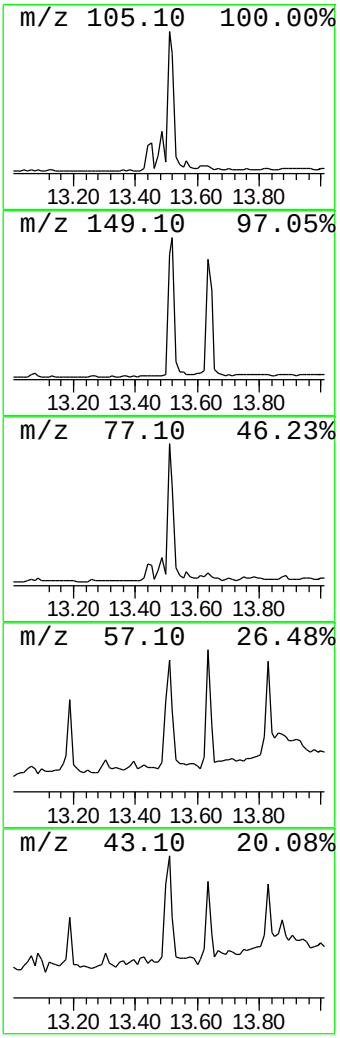
****

Peak Number 14 Diethylene glycol dibenzoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.96 ng	315908	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	59
2	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	59
3	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	43
4	Phthalic acid, monoamide, N-ethy...	437	C28H39NO3	1000309-86-5	38
5	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

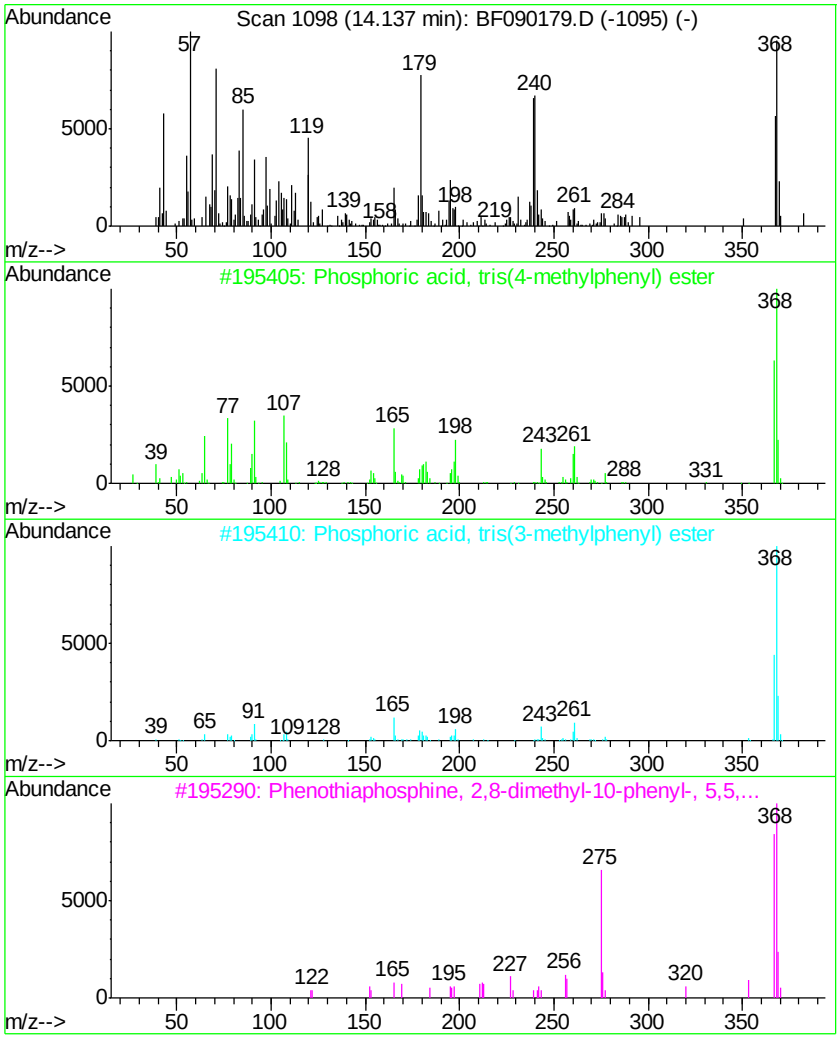
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

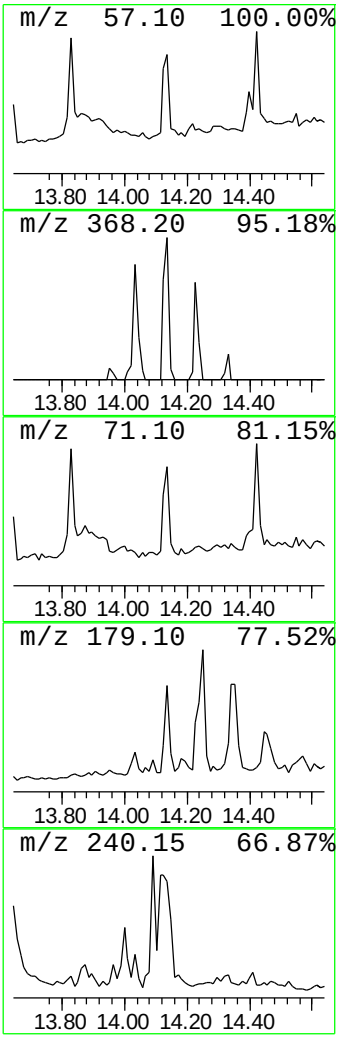
****

Peak Number 15 Phosphoric acid, tris(4-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.20 ng	234957	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	92
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	49
3	Phenothiaphosphine, 2,8-dimethyl...	368	C20H17O3PS	023861-49-6	38
4	Pyrimidine-4,6-dione, hexahydro-...	368	C19H16N2O4S	310421-18-2	35
5	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

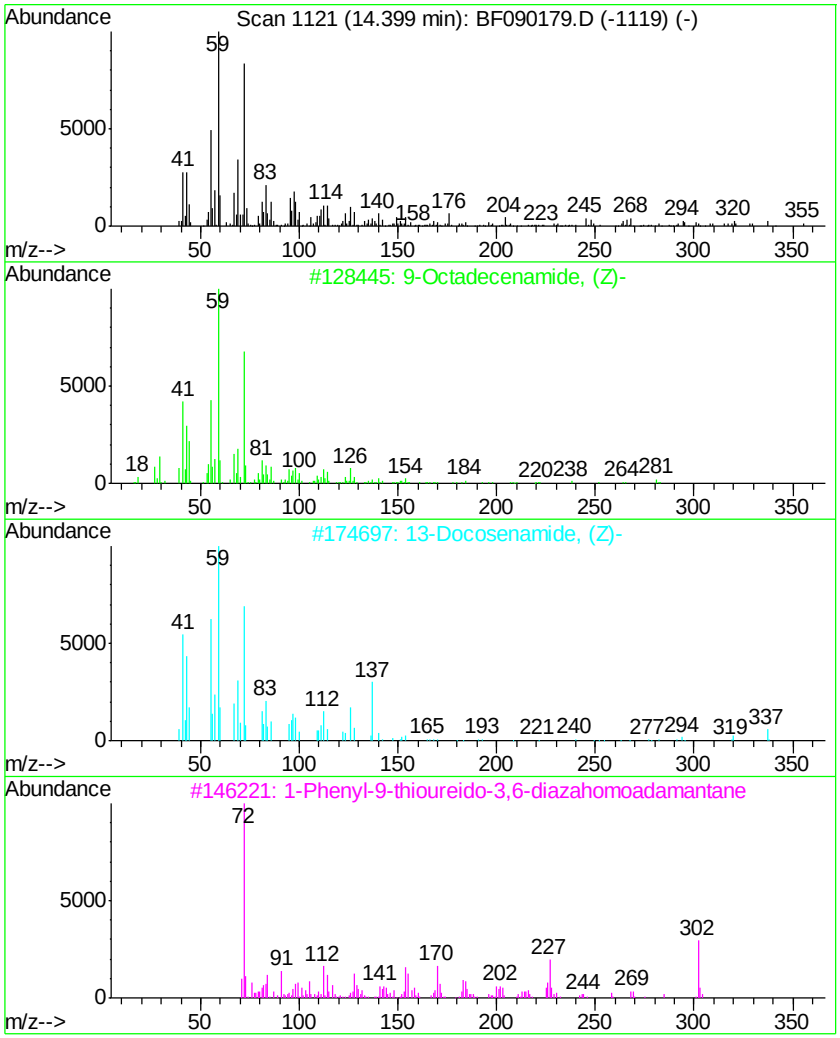
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

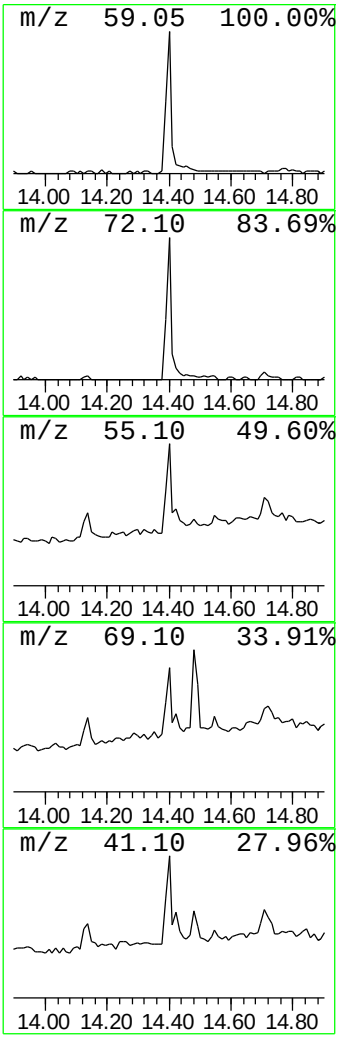
****

Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	5.24 ng	212304	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
3	1-Phenyl-9-thioureido-3,6-diazah...	302	C16H22N4S	153464-71-2	50
4	Octadecanamide	283	C18H37NO	000124-26-5	43
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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

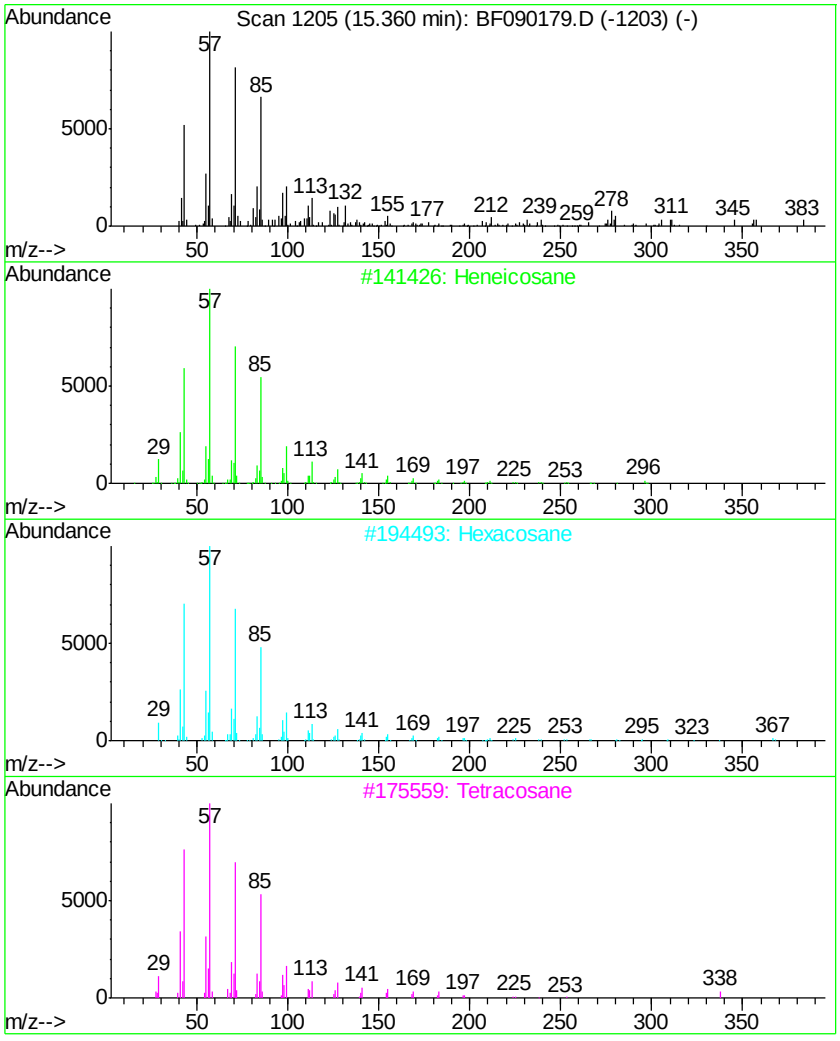
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

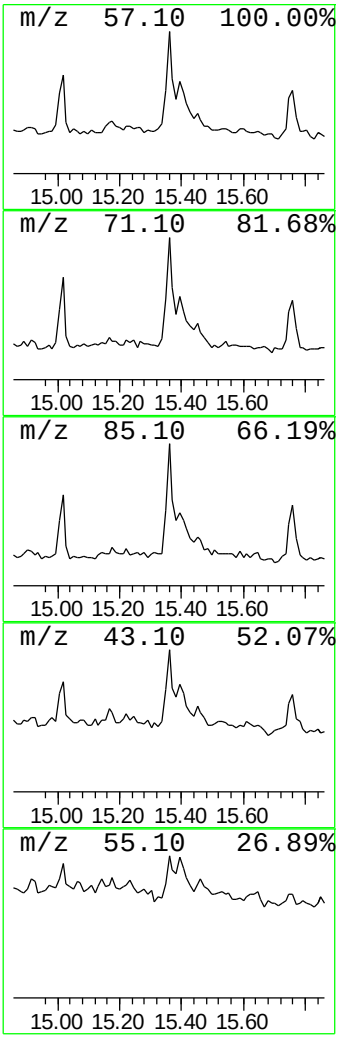
****

Peak Number 17 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.80 ng	113403	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Hexacosane	366	C26H54	000630-01-3	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Hexatriacontane	507	C36H74	000630-06-8	80
5	2-methyloctacosane	408	C29H60	1000376-72-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090179.D
Acq On : 22 Sep 2016 00:35
Operator : UM/SJ
Sample : H4856-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-6-0.5-1.5FT

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...	4.58	8.1	ng	301424	1	6.50	747813	20.0
unknown6.27	6.27	42.1	ng	1574380	1	6.50	747813	20.0
Tridecane, 5-propyl-	10.48	3.6	ng	173207	4	11.00	957479	20.0
Naphtho[2,1-b]fur...	10.75	2.1	ng	98399	4	11.00	957479	20.0
Tetradecane	10.91	2.4	ng	112772	4	11.00	957479	20.0
Phenanthrene, 2-m...	11.51	3.2	ng	152194	4	11.00	957479	20.0
9,10-Anthracenedione	11.82	4.0	ng	192646	4	11.00	957479	20.0
9,10-Dimethylanth...	12.06	2.3	ng	109965	4	11.00	957479	20.0
Cyclopenta(def)ph...	12.12	2.8	ng	132724	4	11.00	957479	20.0
Fluoranthene, 2-m...	12.75	2.1	ng	227117	5	13.62	2137980	20.0
Diethylene glycol...	13.51	3.0	ng	315908	5	13.62	2137980	20.0
Phosphoric acid, ...	14.14	2.2	ng	234957	5	13.62	2137980	20.0
9-Octadecenamide,...	14.40	5.2	ng	212304	6	14.95	810220	20.0
Heneicosane	15.36	2.8	ng	113403	6	14.95	810220	20.0