LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088688.D
Acq On : 4 Jul 2016 11:38
Operator : UM/SJ
Sample : H3769-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

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-BF063016.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	1.850	22	23	32	rVB	29200	41600	1.74%	0.156%
2	3.004	123	124	138	rBV2	7476	30207	1.27%	0.113%
3	4.958	292	295	298	rBV	92819	137503	5.77%	0.516%
4	5.381	329	332	334	rBV	2093494	2032994	85.25%	7.626%
5	6.422	420	423	426	rVB	1870206	1988595	83.39%	7.460%
6	6.559	432	435	437	rBV	2072454	2355606	98.78%	8.836%
7	6.787	453	455	457	rBV	825075	654763	27.46%	2.456%
8	6.947	466	469	471	rVB	1895082	1877686	78.74%	7.044%
9	7.347	501	504	507	rBV	1242995	1241748	52.07%	4.658%
10	8.067	565	567	570	rBV	741416	769721	32.28%	2.887%
11	9.153	659	662	664	rBV	2001808	2384712	100.00%	8.946%
12	9.485	687	691	694	rBV2	16718	27603	1.16%	0.104%
13	9.542	694	696	698	rBV	291343	242620	10.17%	0.910%
14	9.679	706	708	710	rVB	37465	28791	1.21%	0.108%
15	9.816	718	720	722	rBV2	672824	736652	30.89%	2.763%
16	9.850	722	723	725	rVB	52657	40510	1.70%	0.152%
17	10.022	736	738	740	rVB	39226	30735	1.29%	0.115%
18	10.262	758	759	761	rVB	32472	24275	1.02%	0.091%
19	10.365	766	768	770	rVB	46851	39138	1.64%	0.147%
20	10.605	787	789	791	rBV	1194467	1077044	45.16%	4.040%
21	10.730	798	800	804	rVB	42528	51854	2.17%	0.195%
22	10.936	812	818	821	rBV5	16814	53268	2.23%	0.200%
23	11.062	824	829	831	rBV4	24833	53435	2.24%	0.200%
24	11.096	831	832	835	rVB	25537	34510	1.45%	0.129%
25	11.176	838	839	845	rVB	53451	96901	4.06%	0.363%
26	11.302	848	850	851	rVV	555483	782960	32.83%	2.937%
27	11.371	853	856	858	rVB	168063	142314	5.97%	0.534%
28	11.519	867	869	871	rVV2	39825	52806	2.21%	0.198%
29	11.599	874	876	881	rVB4	22310	45036	1.89%	0.169%
30	11.793	891	893	894	rBV	66925	66589	2.79%	0.250%
31	11.828	894	896	898	rVB	100303	99326	4.17%	0.373%
32	11.873	898	900	901	rBV	49864	47577	2.00%	0.178%
33	11.908	901	903	907	rBV2	136106	181235	7.60%	0.680%
34	11.999	907	911	915	rBV3	11822	34876	1.46%	0.131%

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Sample : H3769-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.091	918	919	923	rVB2	62409	93250	3.91%	0.350%
36	12.239	929	932	934	rBV	26027	33813	1.42%	0.127%
37	12.274	934	935	938	rVB	21587	30811	1.29%	0.116%
38	12.342	939	941	943	rBV	66547	74653	3.13%	0.280%
39	12.376	943	944	947	rVV3	29228	58283	2.44%	0.219%
40	12.422	947	948	953	rVB2	53629	62392	2.62%	0.234%
41	12.502	953	955	958	rVB	984284	849085	35.61%	3.185%
42	12.559	958	960	962	rBV2	24847	44701	1.87%	0.168%
43	12.651	964	968	972	rBV3	35856	62574	2.62%	0.235%
44	12.731	972	975	977	rBV	892409	902671	37.85%	3.386%
45	12.776	977	979	982	rVB3	35802	55301	2.32%	0.207%
46	12.845	984	985	986	rBV	34888	40200	1.69%	0.151%
47	12.879	986	988	991	rVB	1749848	1593644	66.83%	5.978%
48	12.948	991	994	998	rBV3	62909	123448	5.18%	0.463%
49	13.062	998	1004	1005	rBV3	72633	178565	7.49%	0.670%
50	13.119	1008	1009	1011	rBV	40297	54266	2.28%	0.204%
51	13.165	1011	1013	1014	rBV	71273	90761	3.81%	0.340%
52	13.256	1019	1021	1022	rVB	44956	49841	2.09%	0.187%
53	13.279	1022	1023	1025	rBV	54034	61238	2.57%	0.230%
54	13.359	1028	1030	1035	rVB2	20745	45192	1.90%	0.170%
55	13.462	1035	1039	1042	rBV5	32946	101902	4.27%	0.382%
56	13.554	1045	1047	1050	rVB	63359	99987	4.19%	0.375%
57	13.668	1055	1057	1059	rBV	87448	129756	5.44%	0.487%
58	13.702	1059	1060	1061	rBV	52716	41720	1.75%	0.157%
59	13.725	1061	1062	1064	rVV2	41991	48235	2.02%	0.181%
60	13.771	1064	1066	1067	rVB	61103	77835	3.26%	0.292%
61	13.805	1067	1069	1075	rBV3	42939	108713	4.56%	0.408%
62	13.919	1076	1079	1085	rVB4	790972	1476390	61.91%	5.538%
63	14.022	1086	1088	1090	rBV3	36417	69573	2.92%	0.261%
64	14.114	1094	1096	1097	rVV2	24453	36036	1.51%	0.135%
65	14.148	1097	1099	1101	rVB2	33031	44511	1.87%	0.167%
66	14.308	1108	1113	1115	rBV	89710	144260	6.05%	0.541%
67	14.342	1115	1116	1117	rVB	49708	34310	1.44%	0.129%
68	14.399	1120	1121	1123	rBV2	45253	47869	2.01%	0.180%
69	14.605	1137	1139	1141	rBV	29271	39834	1.67%	0.149%
70	14.925	1165	1167	1172	rBV	335930	656341	27.52%	2.462%
71	15.028	1174	1176	1178	rVB	68335	87880	3.69%	0.330%

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Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	15.200	1189	1191	1194	rVB	161308	234038	9.81%	0.878%
73	15.257	1194	1196	1199	rVB	254669	305661	12.82%	1.147%
74	15.314	1199	1201	1203	rBV	298109	455964	19.12%	1.710%
75	16.651	1315	1318	1322	rVB2	116410	219122	9.19%	0.822%
76	17.051	1350	1353	1361	rVB	85025	188273	7.89%	0.706%

Sum of corrected areas: 26658089

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Instrument :
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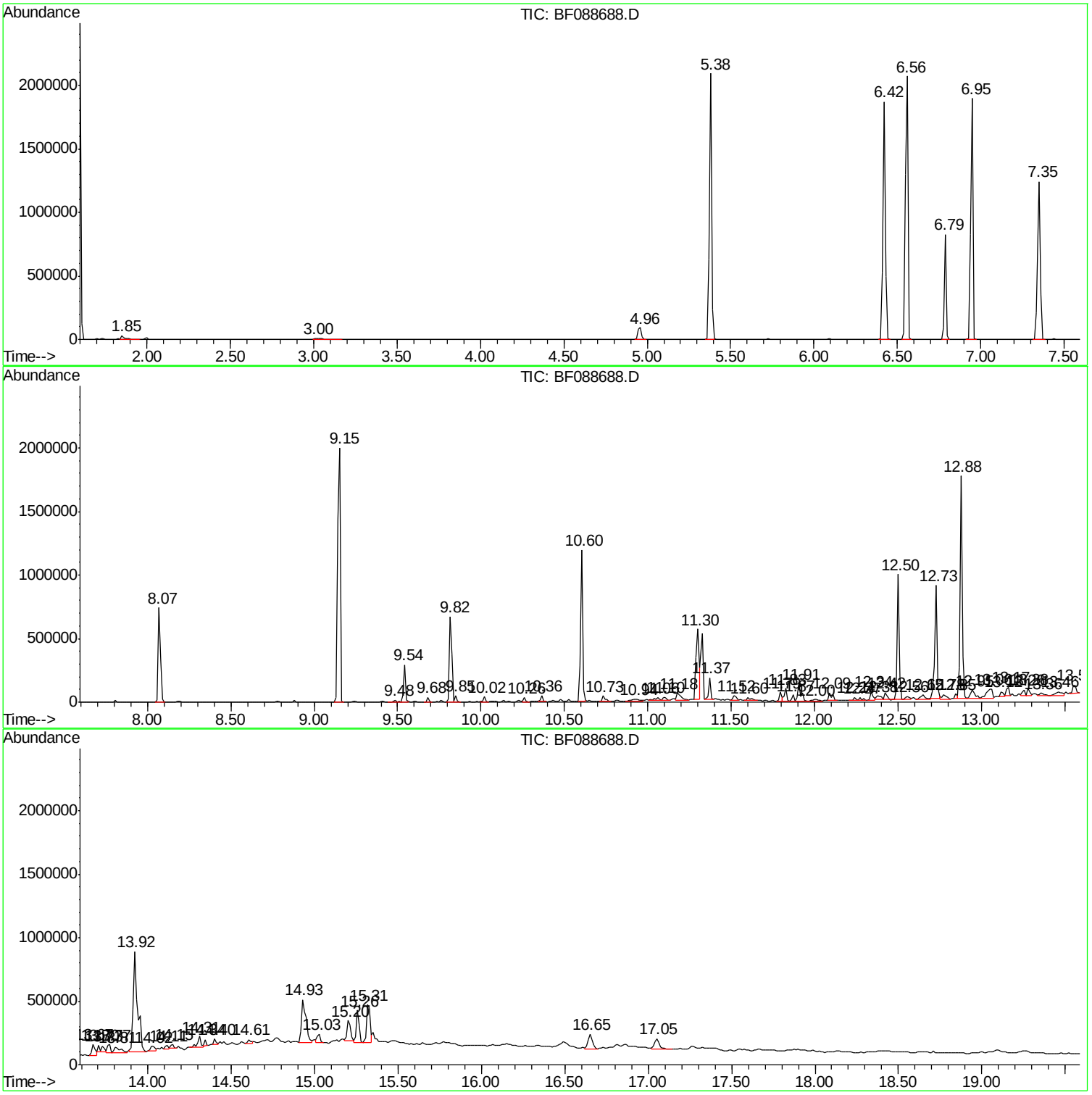
ClientSampleId :
EPCH-B3(02-04)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF070316\
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Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

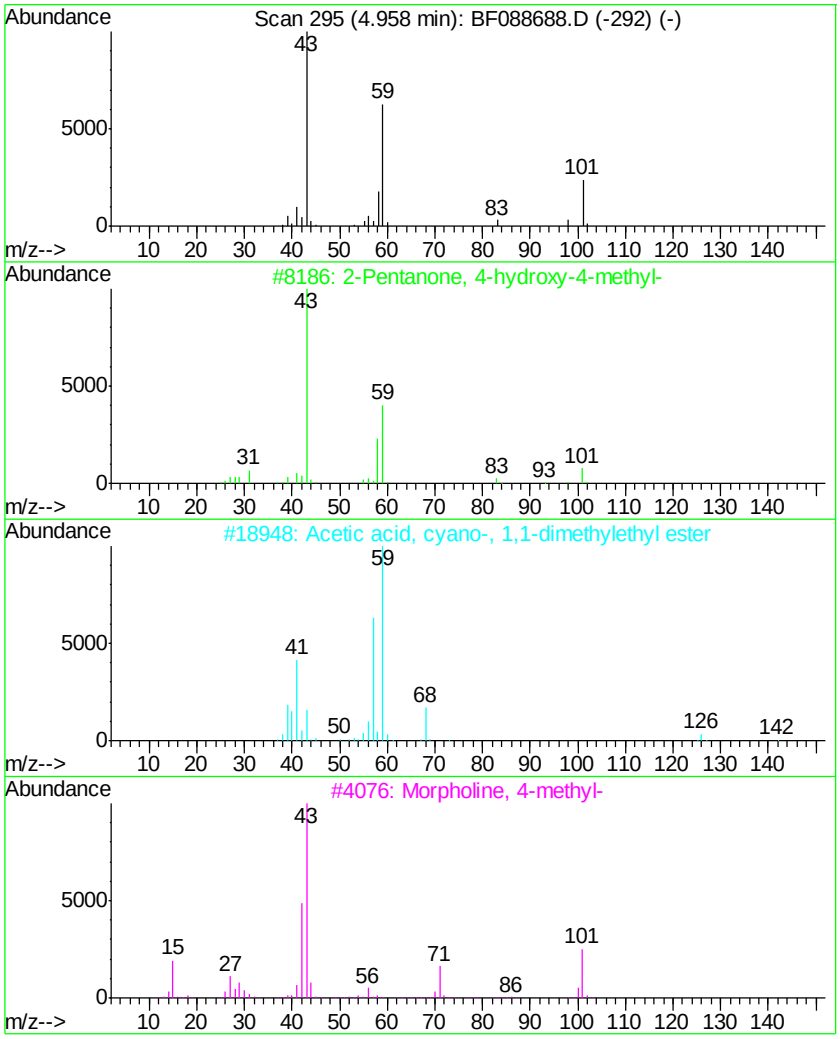
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

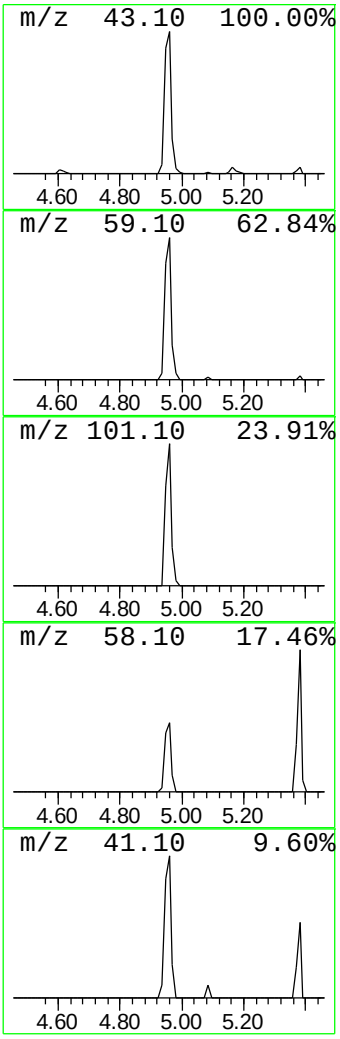
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	4.20 ng	137503	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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Acq On : 4 Jul 2016 11:38
Operator : UM/SJ
Sample : H3769-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

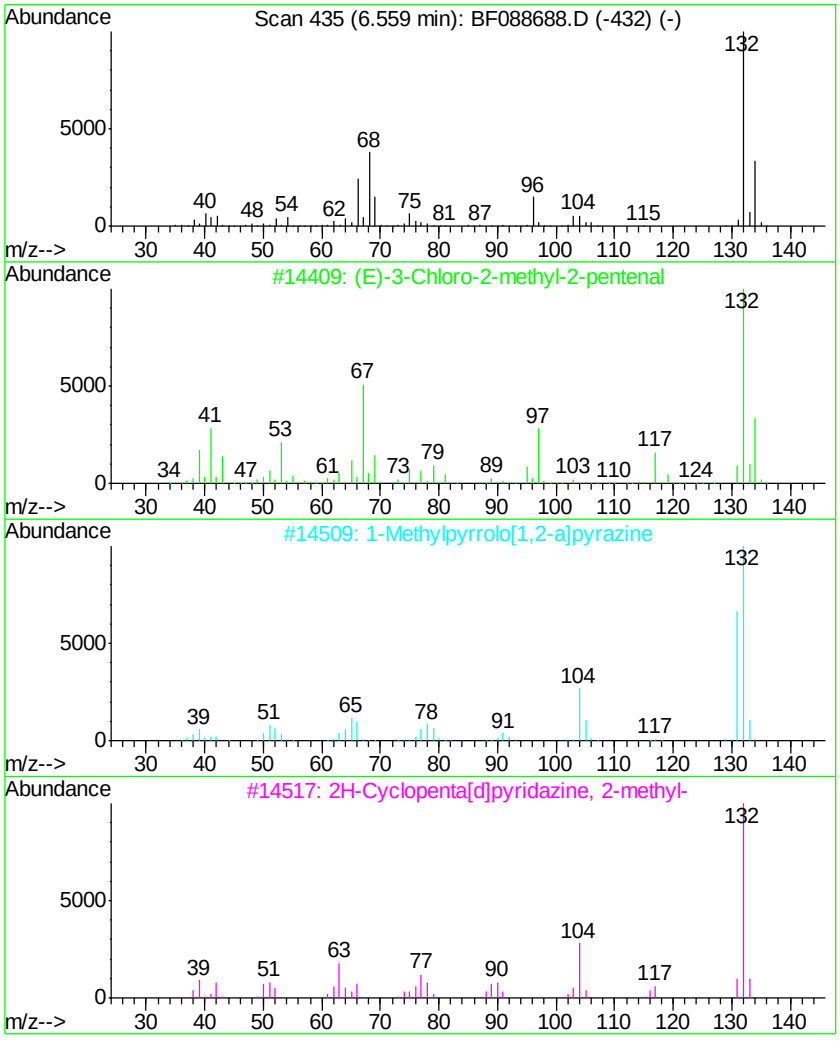
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

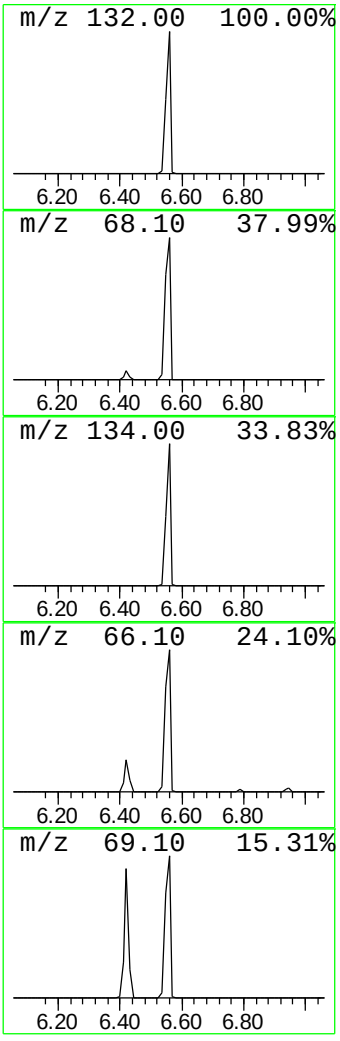
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	71.95 ng	2355610	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088688.D
Acq On : 4 Jul 2016 11:38
Operator : UM/SJ
Sample : H3769-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

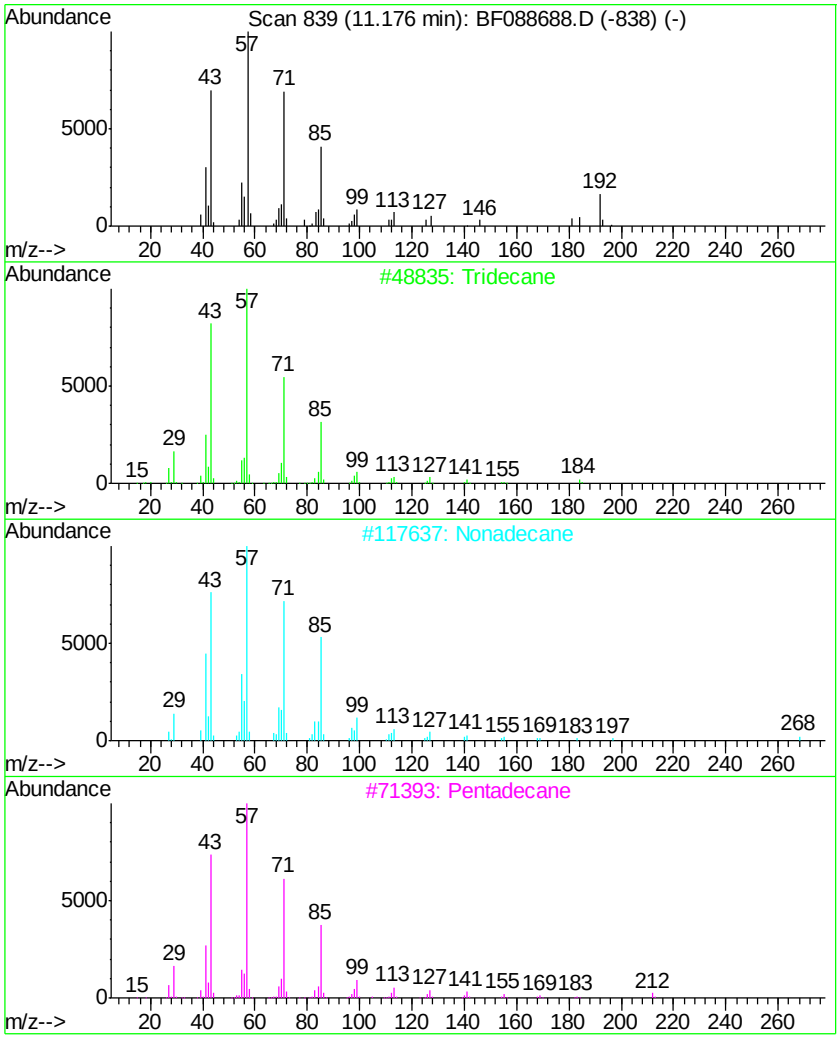
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

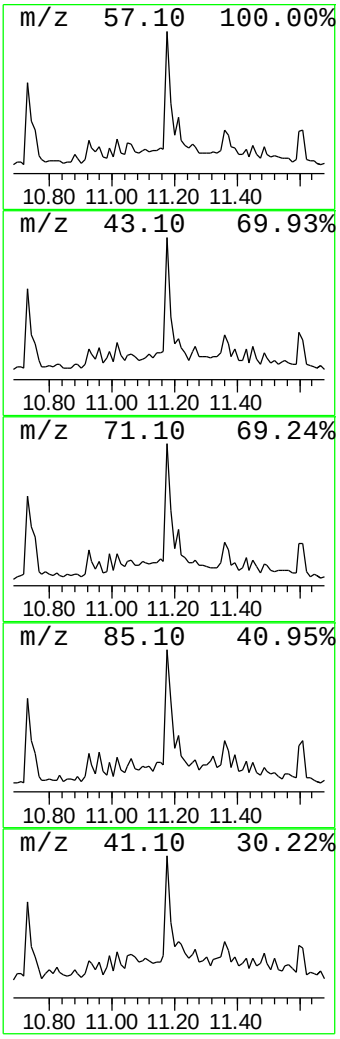
****

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.48 ng	96901	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonadecane	268	C19H40	000629-92-5	74
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tritetracontane	605	C43H88	007098-21-7	72
5	Hexadecane	226	C16H34	000544-76-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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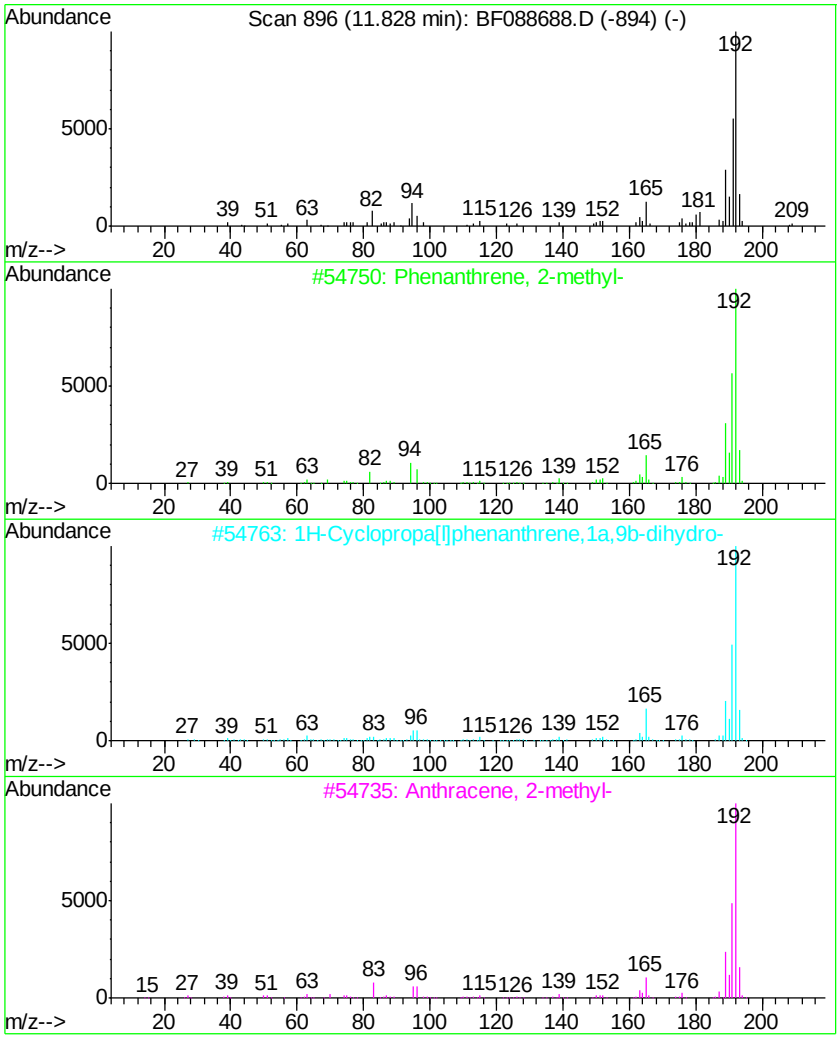
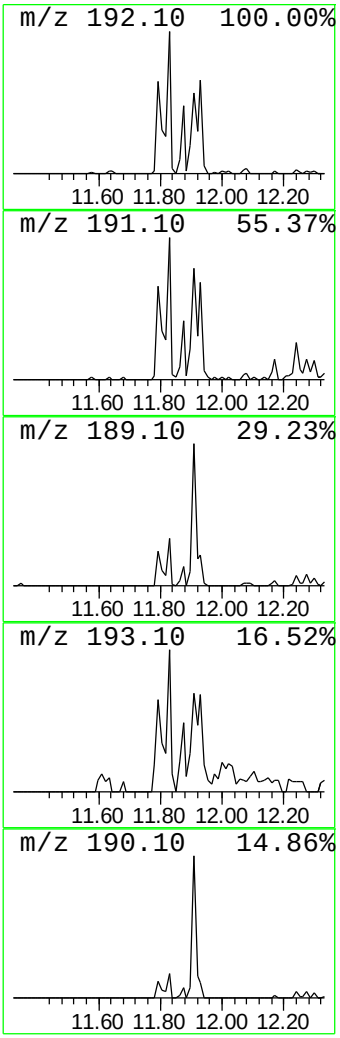
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.54 ng	99326	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : H3769-07
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Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

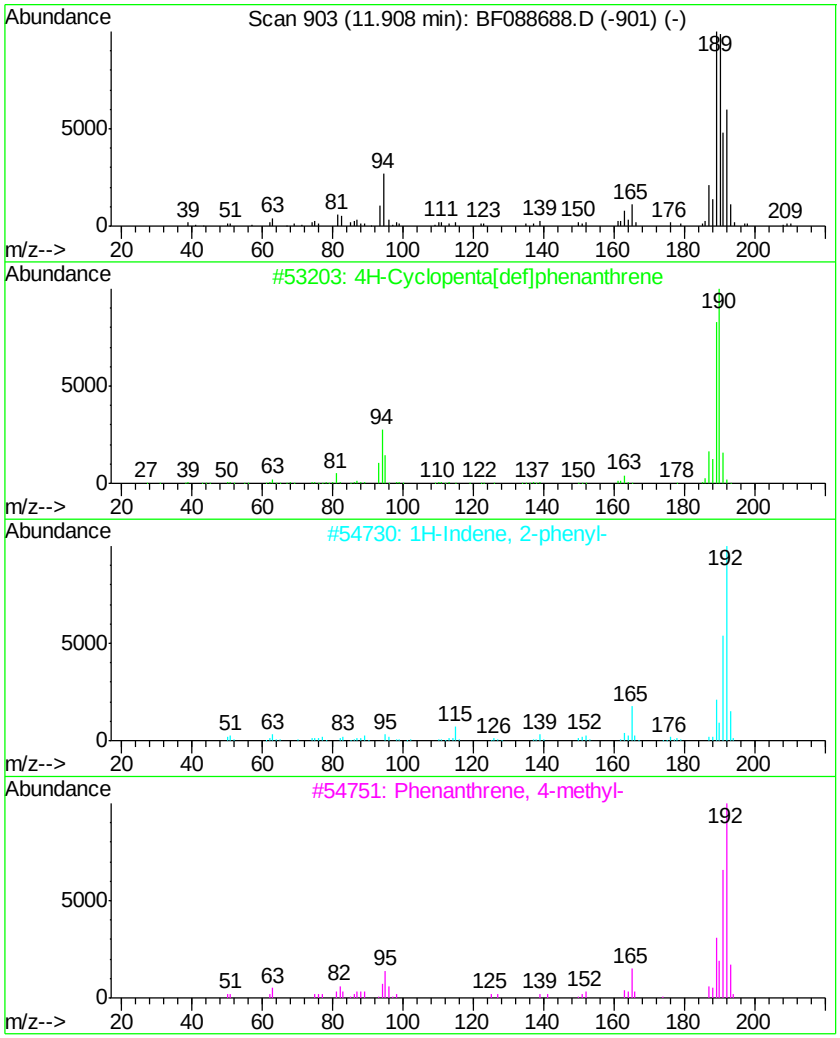
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

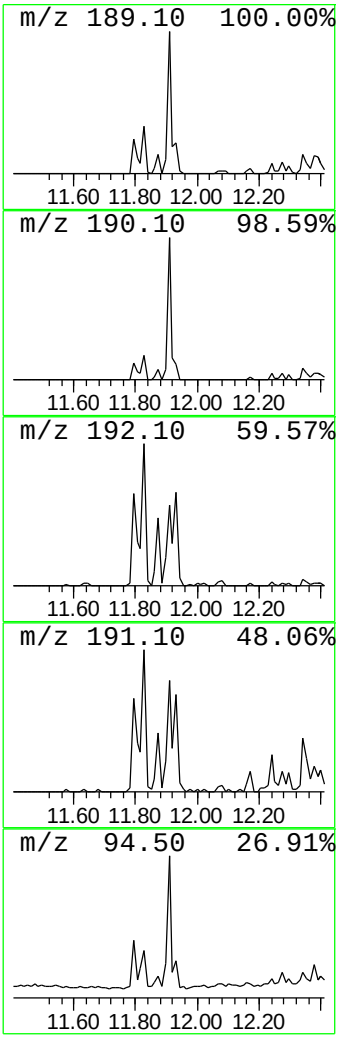
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.63 ng	181235	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Sample : H3769-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

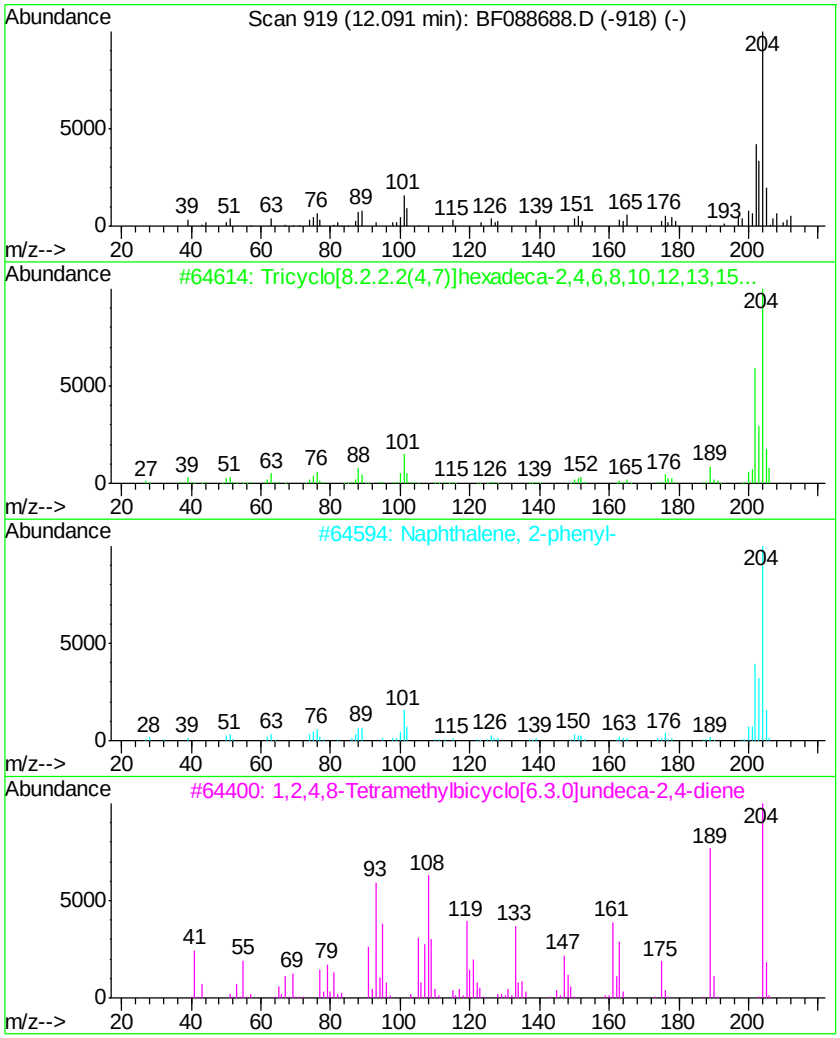
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

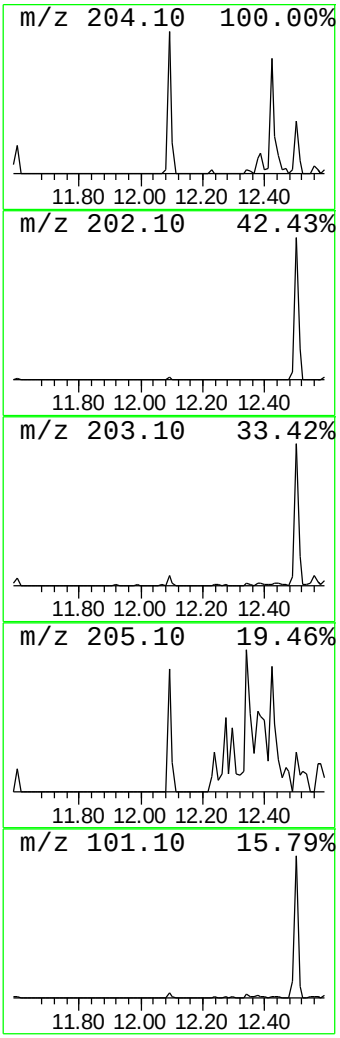
****

Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.38 ng	93250	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	60





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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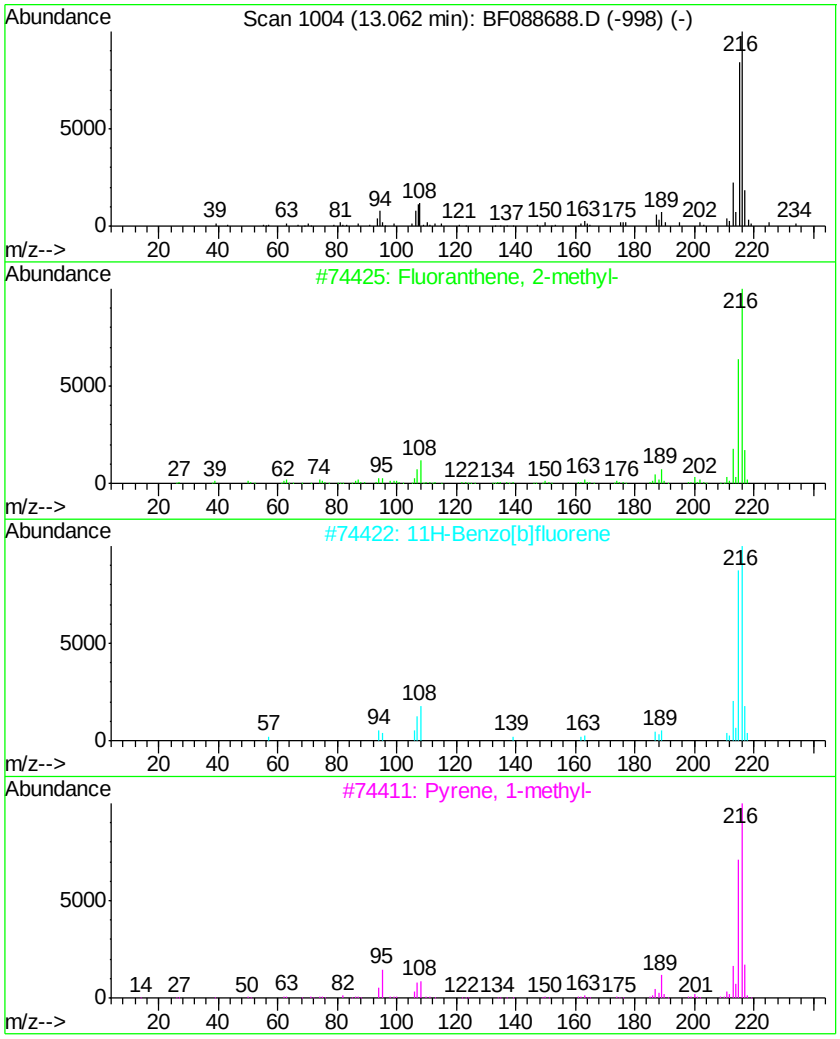
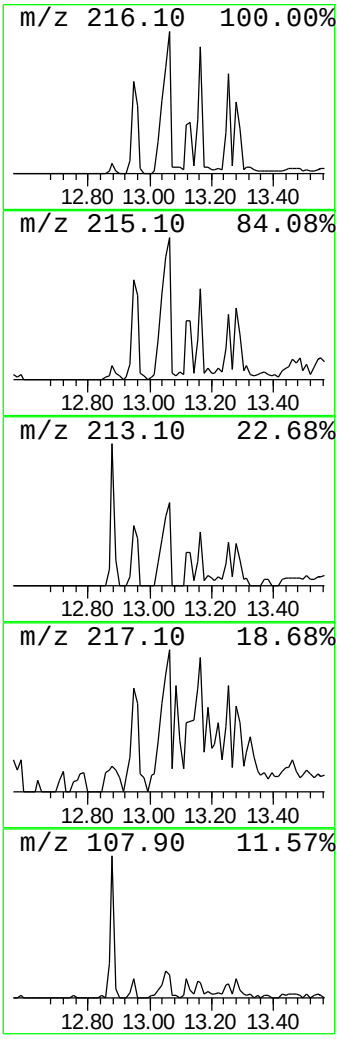
****

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.42 ng	178565	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088688.D
Acq On : 4 Jul 2016 11:38
Operator : UM/SJ
Sample : H3769-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.96	4.2	ng	137503	1	6.79	654763	20.0
unknown6.56	6.56	72.0	ng	2355610	1	6.79	654763	20.0
Tridecane	11.18	2.5	ng	96901	4	11.30	782960	20.0
Phenanthrene, 2-m...	11.83	2.5	ng	99326	4	11.30	782960	20.0
4H-Cyclopenta[def...	11.91	4.6	ng	181235	4	11.30	782960	20.0
Tricyclo[8.2.2.2(...	12.09	2.4	ng	93250	4	11.30	782960	20.0
Fluoranthene, 2-m...	13.06	2.4	ng	178565	5	13.92	1476390	20.0