LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

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-BF013017.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	2.738	47	57	61	rVB	26933	76414	1.62%	0.136%
2	4.373	195	200	206	rVB4	31936	75758	1.61%	0.135%
3	5.001	252	255	264	rVB	1426816	2058482	43.77%	3.674%
4	5.379	286	288	291	rBV	97621	126599	2.69%	0.226%
5	5.436	291	293	295	rBV	3842797	3990692	84.85%	7.123%
6	5.653	310	312	314	rBV	113958	130538	2.78%	0.233%
7	6.350	371	373	375	rBV	69501	70389	1.50%	0.126%
8	6.487	382	385	387	rBV	3345787	4703166	100.00%	8.394%
9	6.602	393	395	398	rVV	3501194	3875845	82.41%	6.918%
10	6.659	398	400	403	rVB2	98373	139096	2.96%	0.248%
11	6.830	413	415	418	rVV	942538	926649	19.70%	1.654%
12	6.990	427	429	432	rVV	3344759	3209009	68.23%	5.728%
13	7.173	441	445	447	rVB3	30314	71309	1.52%	0.127%
14	7.230	447	450	453	rBV3	49666	108266	2.30%	0.193%
15	7.413	462	466	467	rBV	2025196	3006931	63.93%	5.367%
16	7.870	502	506	509	rVV3	43789	74250	1.58%	0.133%
17	7.939	509	512	515	rVB5	36304	75538	1.61%	0.135%
18	8.122	525	528	529	rBV	1377522	1256824	26.72%	2.243%
19	8.179	532	533	537	rVB	60634	76421	1.62%	0.136%
20	8.499	557	561	563	rBV2	56163	85247	1.81%	0.152%
21	8.545	563	565	567	rBV	166338	171875	3.65%	0.307%
22	8.716	578	580	582	rBV	86221	79624	1.69%	0.142%
23	8.830	589	590	592	rVB	250510	247203	5.26%	0.441%
24	8.933	597	599	601	rVV	283370	220996	4.70%	0.394%
25	9.139	616	617	620	rBV	62156	70985	1.51%	0.127%
26	9.196	620	622	625	rBV	2990827	4060509	86.34%	7.247%
27	9.276	627	629	632	rBV2	100316	148887	3.17%	0.266%
28	9.390	638	639	643	rBV2	40394	69909	1.49%	0.125%
29	9.459	643	645	647	rVB	81353	119114	2.53%	0.213%
30	9.539	650	652	653	rVV	163347	203292	4.32%	0.363%
31	9.596	655	657	660	rVV	468505	451386	9.60%	0.806%
32	9.653	660	662	667	rVV	123402	147435	3.13%	0.263%
33	9.733	667	669	671	rVB	139853	145663	3.10%	0.260%
34	9.813	674	676	678	rVB	89577	104330	2.22%	0.186%

LSC Area Percent Report

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Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.882	679	682	683	rVV	851743	1112450	23.65%	1.986%
36	9.905	683	684	686	rVB2	109127	122760	2.61%	0.219%
37	10.030	693	695	697	rBV2	53416	105875	2.25%	0.189%
38	10.076	697	699	701	rVV	129750	167542	3.56%	0.299%
39	10.122	701	703	705	rVV2	63010	83635	1.78%	0.149%
40	10.190	708	709	711	rBV	74619	88277	1.88%	0.158%
41	10.282	715	717	718	rBV2	108643	124558	2.65%	0.222%
42	10.305	718	719	721	rVB	187175	153272	3.26%	0.274%
43	10.419	727	729	733	rVB	175861	203364	4.32%	0.363%
44	10.533	736	739	742	rBV4	85986	181634	3.86%	0.324%
45	10.579	742	743	745	rVB	102437	95005	2.02%	0.170%
46	10.671	748	751	753	rBV	1680476	1724091	36.66%	3.077%
47	10.796	759	762	764	rVB	303150	469342	9.98%	0.838%
48	10.968	774	777	779	rBV3	52057	107129	2.28%	0.191%
49	11.105	787	789	793	rBV3	80945	162843	3.46%	0.291%
50	11.173	793	795	797	rVV	92454	98040	2.08%	0.175%
51	11.231	797	800	801	rVV2	204277	243801	5.18%	0.435%
52	11.265	801	803	805	rVB	105849	160916	3.42%	0.287%
53	11.368	809	812	813	rBV	773346	1127936	23.98%	2.013%
54	11.391	813	814	816	rVV	979578	721950	15.35%	1.289%
55	11.436	816	818	820	rVV	263282	244121	5.19%	0.436%
56	11.596	830	832	836	rVV3	109234	190832	4.06%	0.341%
57	11.653	836	837	839	rVV	171550	166091	3.53%	0.296%
58	11.699	839	841	843	rVB	60663	75524	1.61%	0.135%
59	11.871	853	856	857	rBV	147703	214955	4.57%	0.384%
60	11.893	857	858	860	rVB	321398	245776	5.23%	0.439%
61	11.939	860	862	863	rBV2	95392	102355	2.18%	0.183%
62	11.973	863	865	869	rVB	305028	493856	10.50%	0.881%
63	12.065	869	873	875	rBV2	128167	219832	4.67%	0.392%
64	12.168	879	882	883	rBV2	90224	134947	2.87%	0.241%
65	12.191	883	884	889	rVB3	143297	163622	3.48%	0.292%
66	12.305	891	894	896	rBV2	68263	121721	2.59%	0.217%
67	12.419	901	904	905	rBV	194325	225658	4.80%	0.403%
68	12.454	905	907	910	rVB3	198640	275530	5.86%	0.492%
69	12.499	910	911	915	rBV	105601	164693	3.50%	0.294%
70	12.579	915	918	920	rBV	1590413	1390365	29.56%	2.482%
71	12.625	920	922	925	rBV2	51089	80819	1.72%	0.144%

LSC Area Percent Report

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Acq On : 25 Feb 2017 14:00
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Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.728	928	931	933	rBV3	53122	89972	1.91%	0.161%
73	12.808	933	938	941	rBV	1420965	1705545	36.26%	3.044%
74	12.865	941	943	946	rVB2	90369	129174	2.75%	0.231%
75	12.956	948	951	953	rVB	2361790	2701525	57.44%	4.822%
76	13.025	954	957	961	rBV4	138793	295310	6.28%	0.527%
77	13.139	963	967	968	rVB2	184660	337130	7.17%	0.602%
78	13.208	968	973	974	rBV2	90475	254017	5.40%	0.453%
79	13.242	974	976	978	rVV2	156037	182813	3.89%	0.326%
80	13.334	982	984	985	rVB	105541	87151	1.85%	0.156%
81	13.368	985	987	988	rBV	81735	118295	2.52%	0.211%
82	13.528	998	1001	1003	rBV3	81623	165017	3.51%	0.295%
83	13.642	1008	1011	1014	rBV	177523	293371	6.24%	0.524%
84	13.757	1019	1021	1024	rVV2	170626	330009	7.02%	0.589%
85	13.848	1028	1029	1032	rVB2	252037	340772	7.25%	0.608%
86	14.008	1040	1043	1049	rVB2	1156239	2440785	51.90%	4.356%
87	14.111	1050	1052	1055	rBV	97085	94834	2.02%	0.169%
88	14.168	1055	1057	1059	rBV3	97208	154015	3.27%	0.275%
89	14.237	1061	1063	1064	rBV2	66954	79630	1.69%	0.142%
90	14.397	1075	1077	1078	rVB	160361	153039	3.25%	0.273%
91	14.431	1078	1080	1082	rBV2	84528	111639	2.37%	0.199%
92	14.477	1082	1084	1086	rBV3	95324	170754	3.63%	0.305%
93	14.774	1108	1110	1112	rBV2	63754	87823	1.87%	0.157%
94	15.037	1130	1133	1137	rBV	588415	1144438	24.33%	2.043%
95	15.140	1140	1142	1144	rVB	109825	128350	2.73%	0.229%
96	15.322	1156	1158	1161	rVB	341220	428101	9.10%	0.764%
97	15.380	1161	1163	1166	rVB	374838	521908	11.10%	0.932%
98	15.448	1166	1169	1170	rBV	466105	682131	14.50%	1.217%
99	16.854	1288	1292	1301	rVB	163387	405902	8.63%	0.724%
100	17.277	1326	1329	1334	rVB	124168	250584	5.33%	0.447%

Sum of corrected areas: 56027782

LSC Report - Integrated Chromatogram

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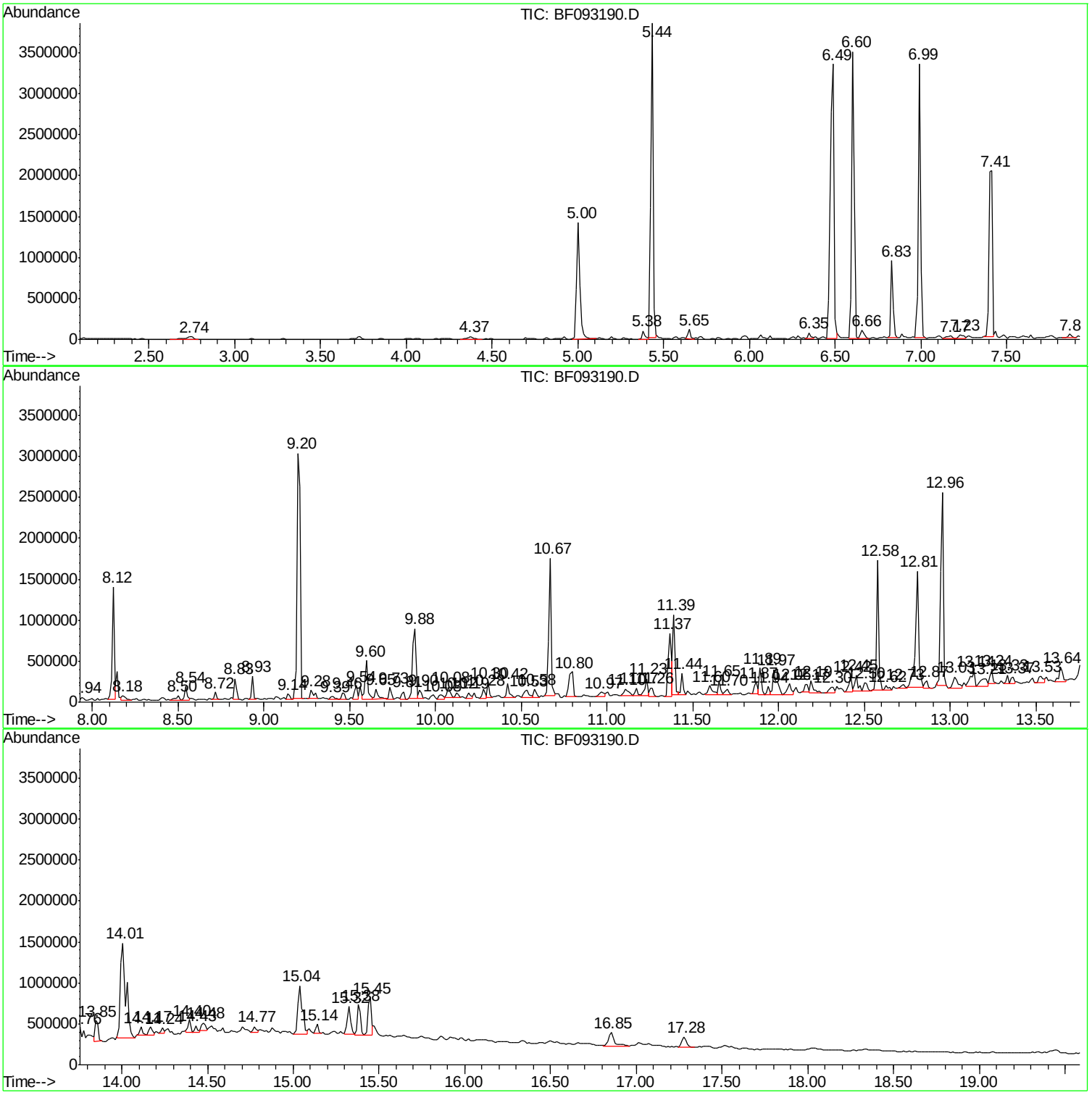
Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

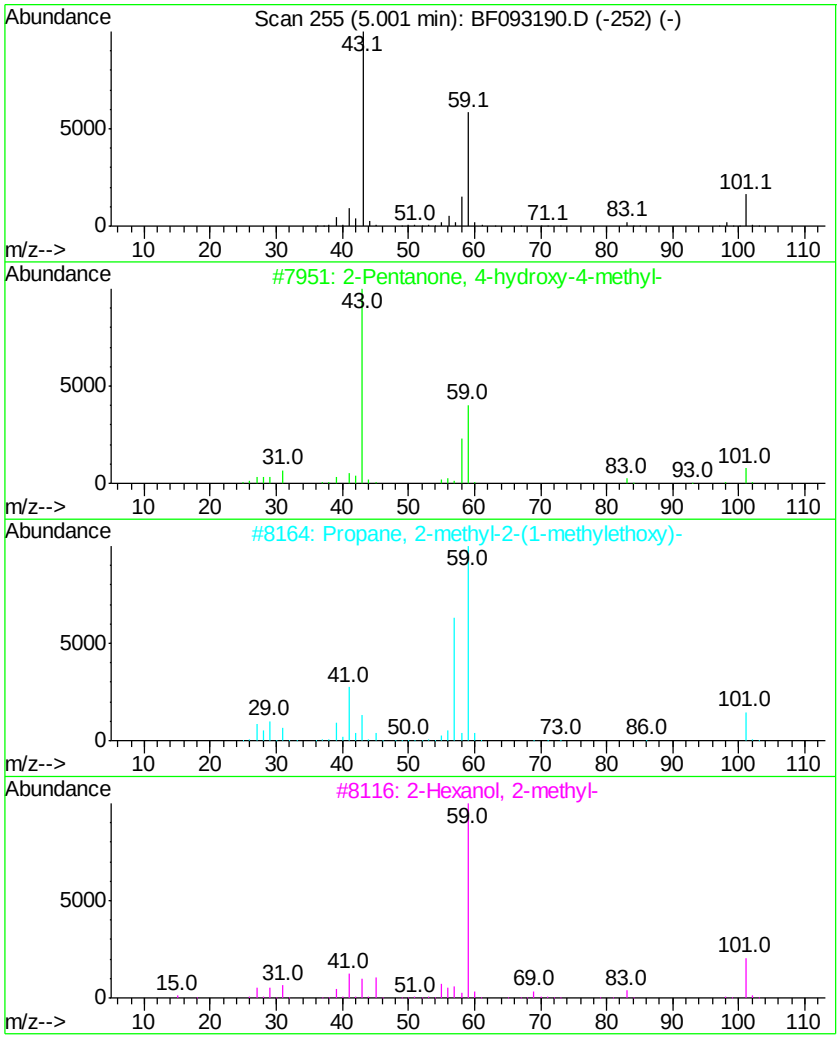
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

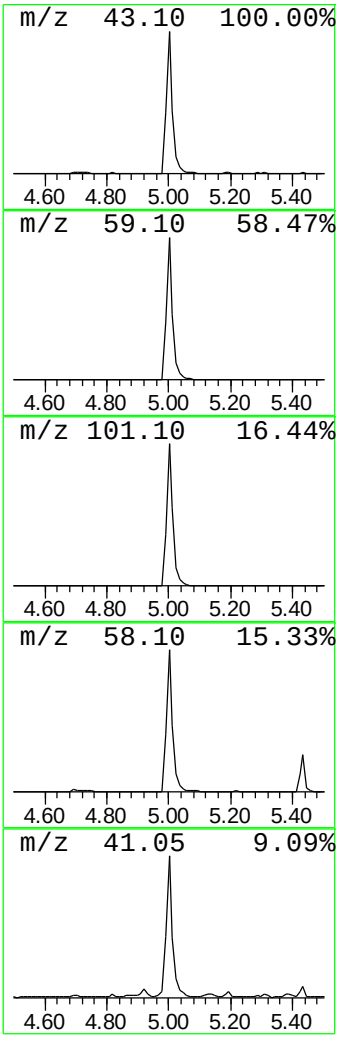
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	44.43 ng	2058480	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
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Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

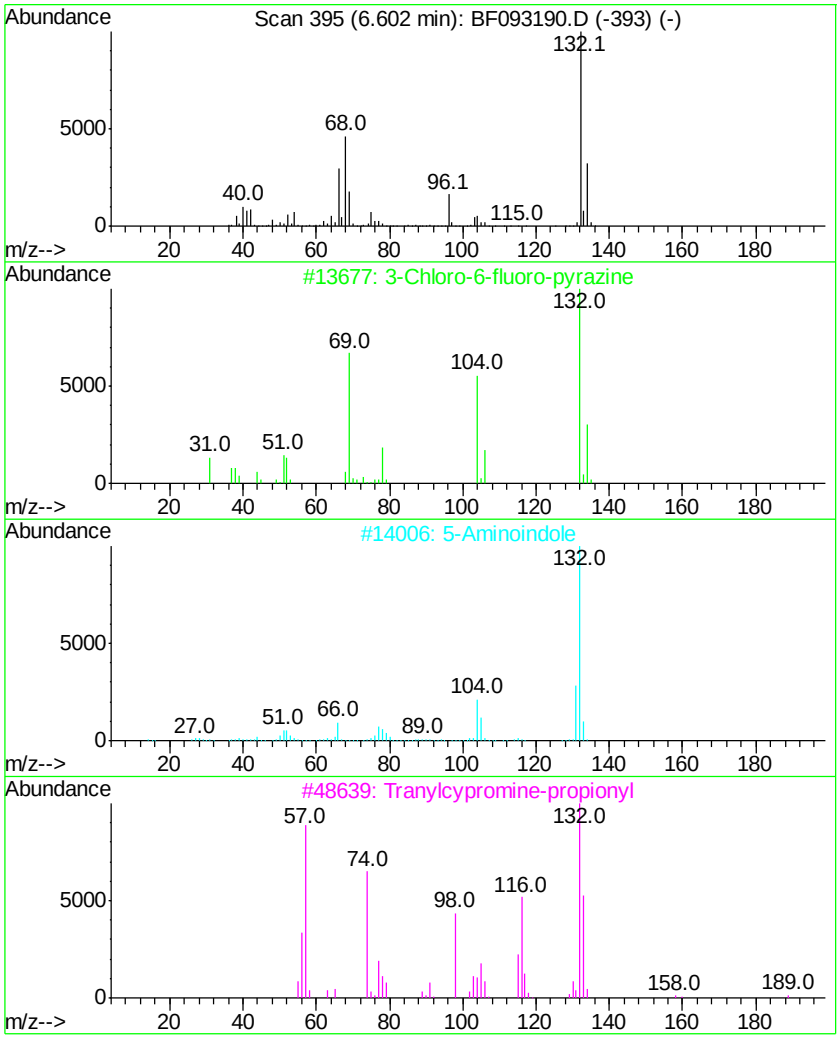
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

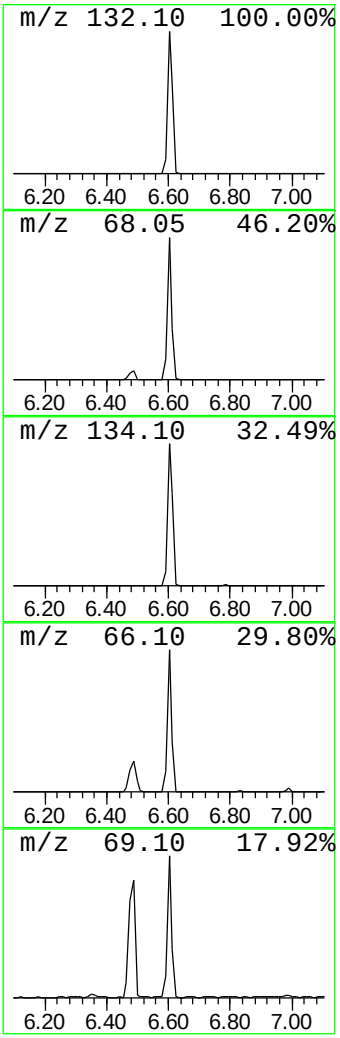
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	83.65 ng	3875850	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

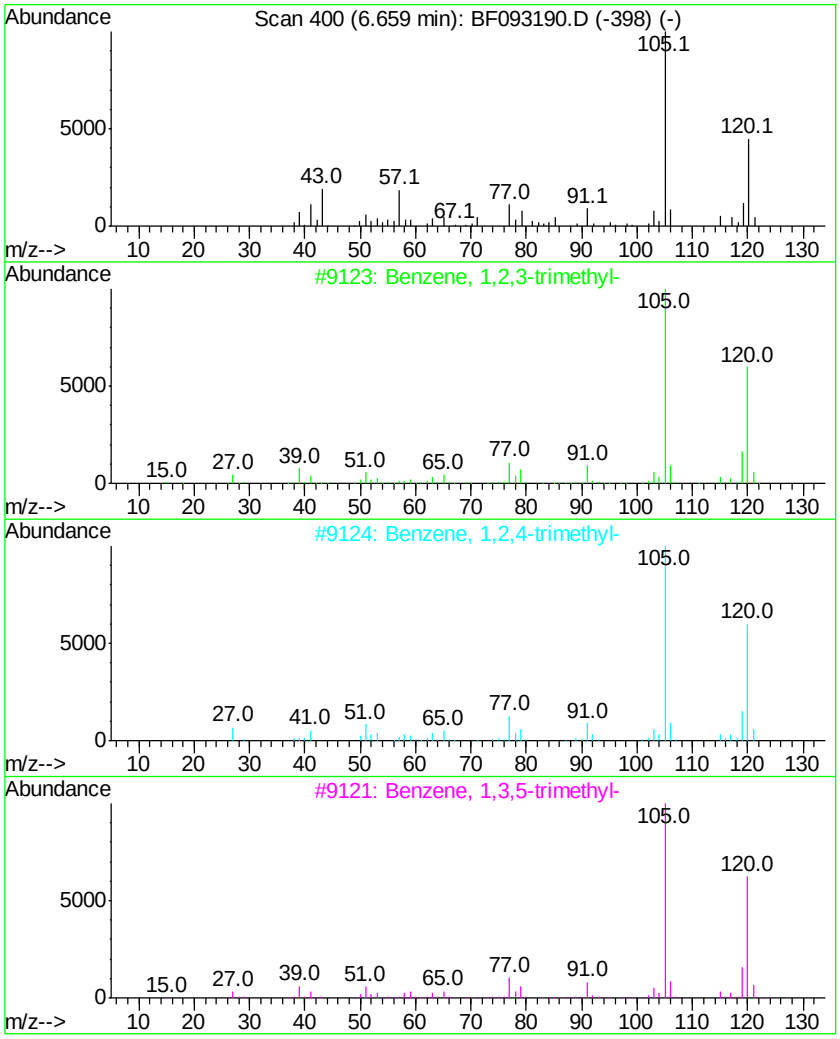
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

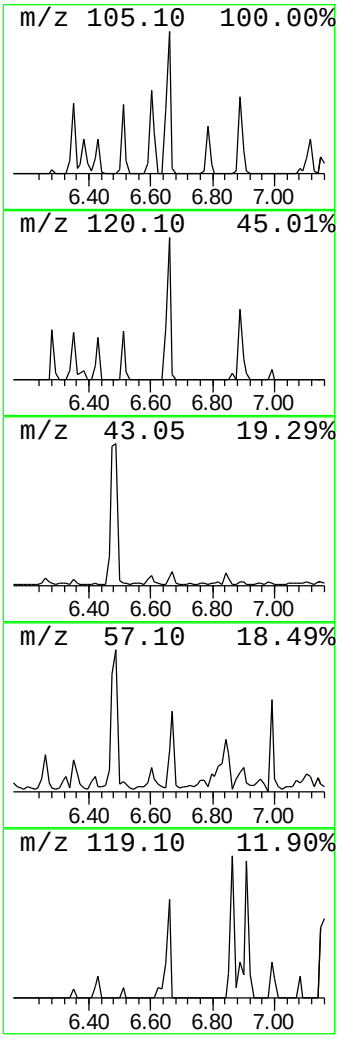
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	3.00 ng	139096	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : I1972-18
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ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

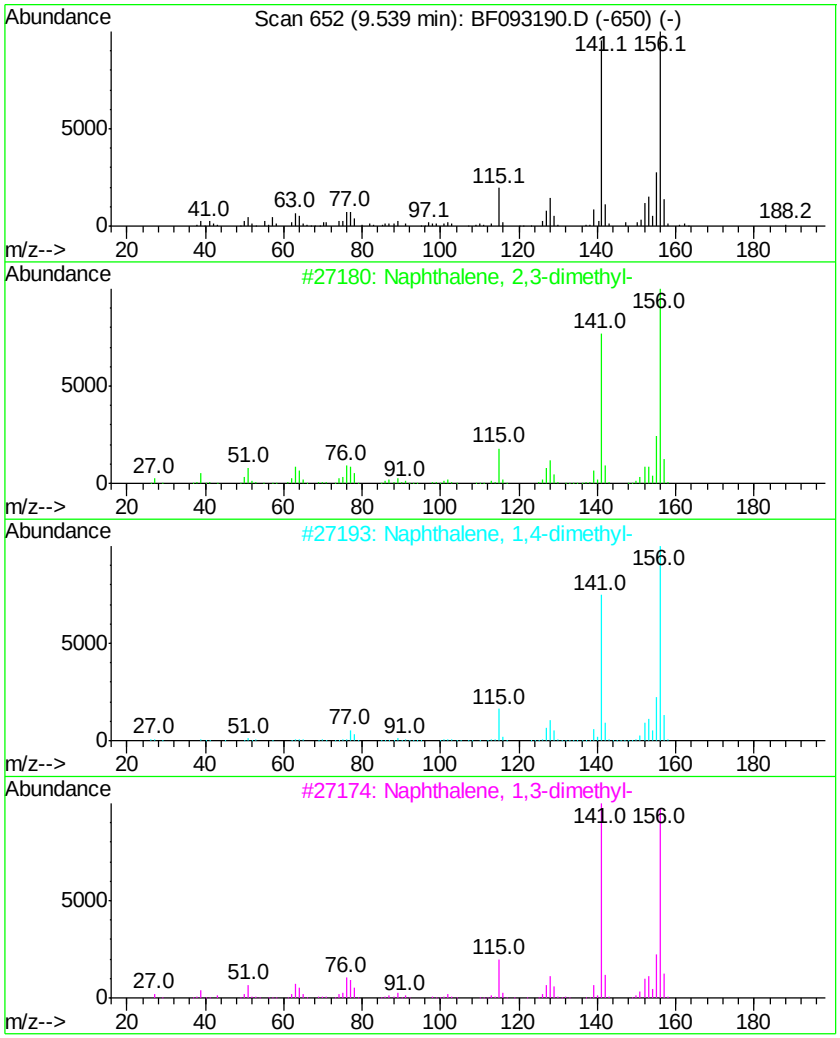
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

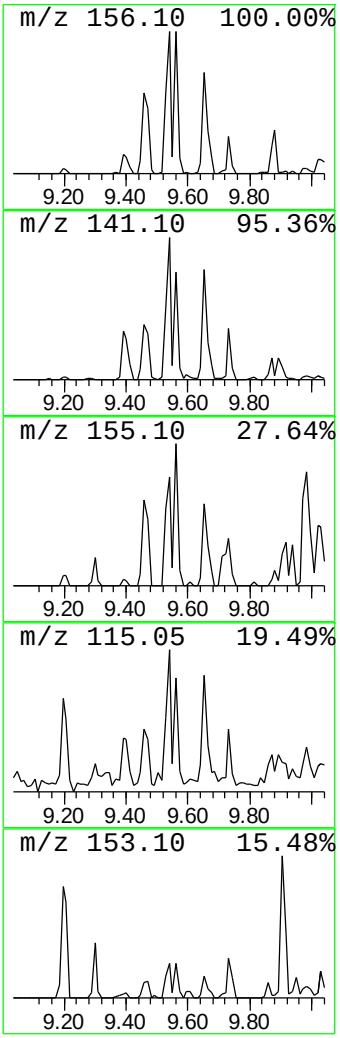
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	3.65 ng	203292	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

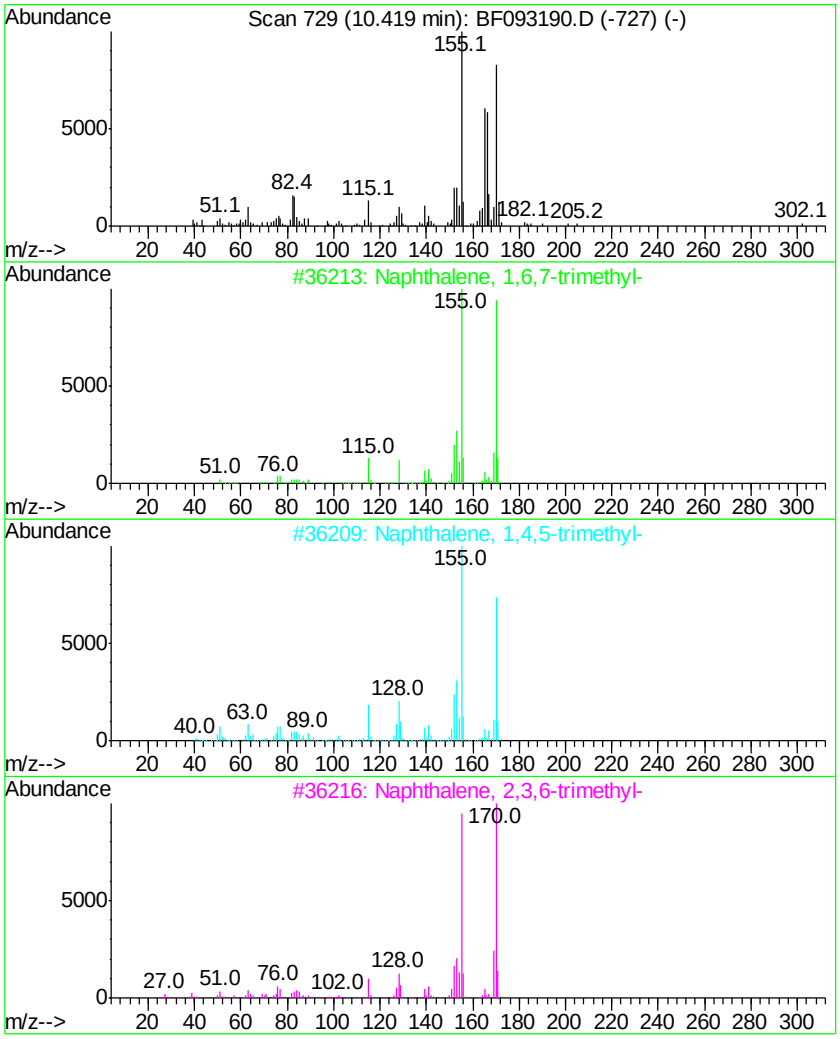
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

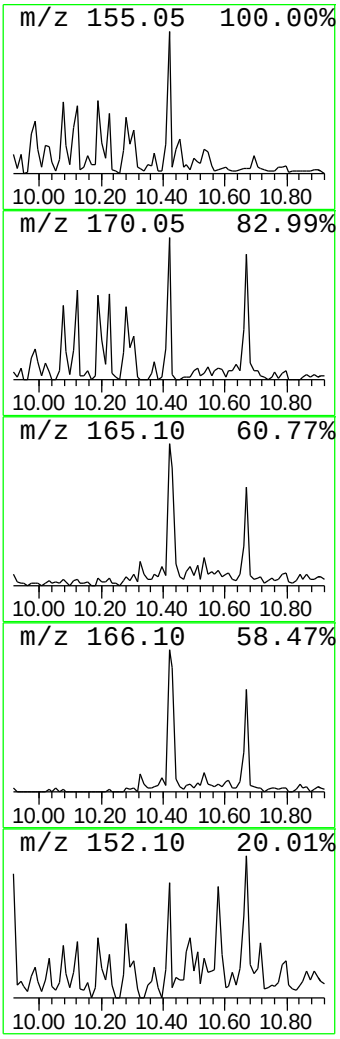
****

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.66 ng	203364	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

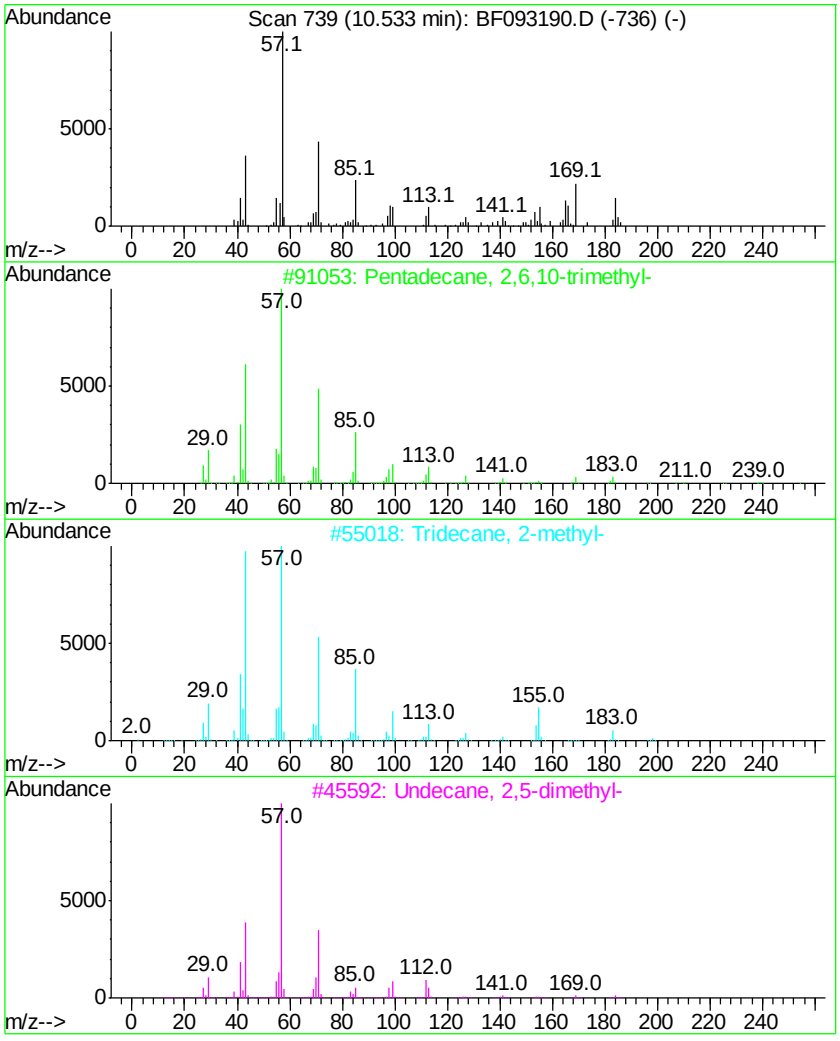
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

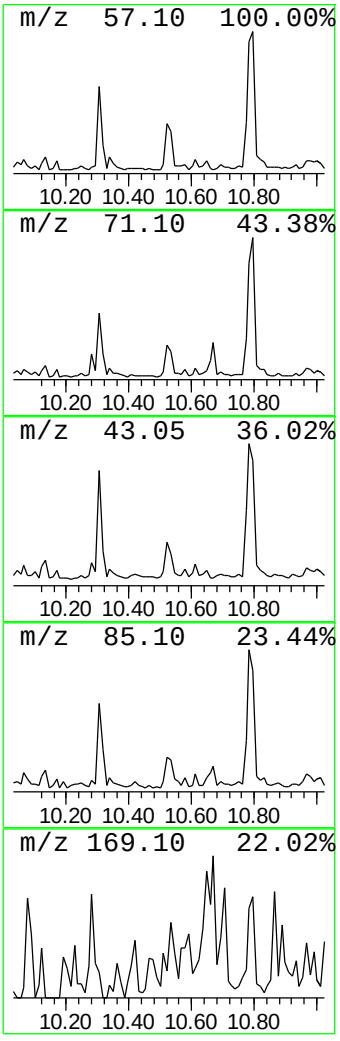
****

Peak Number 8 unknown10.53 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.27 ng	181634	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	47
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	45
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
5	Octadecane	254	C18H38	000593-45-3	43





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Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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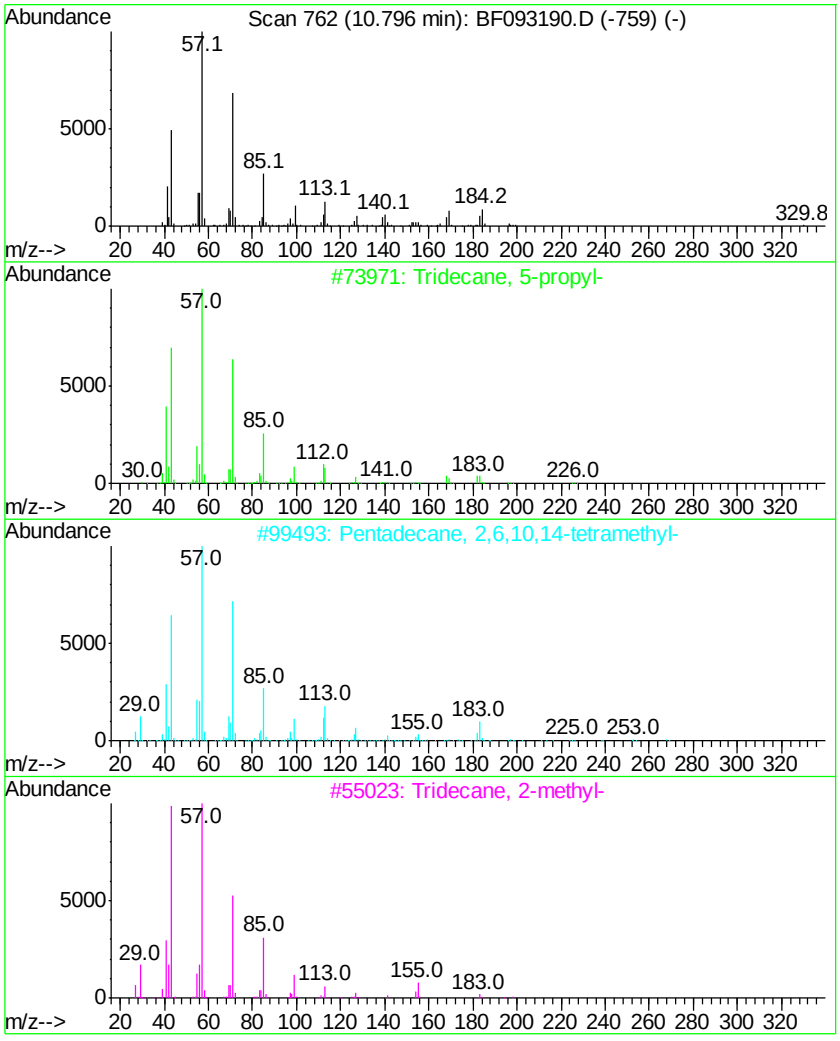
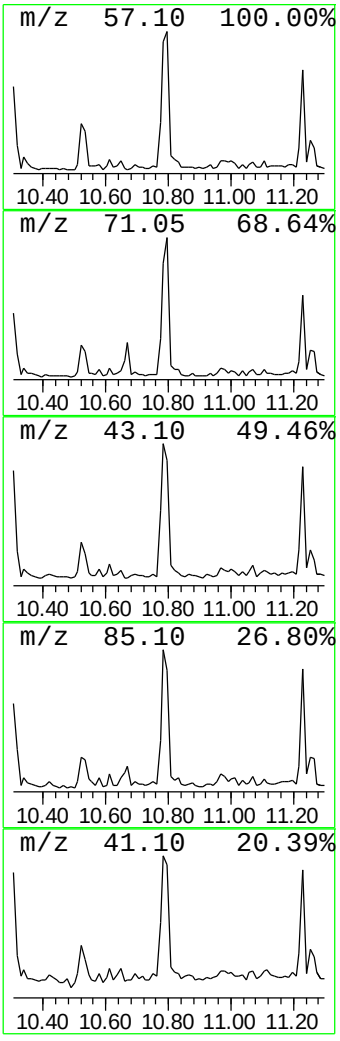
Peak Number 9 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.32 ng	469342	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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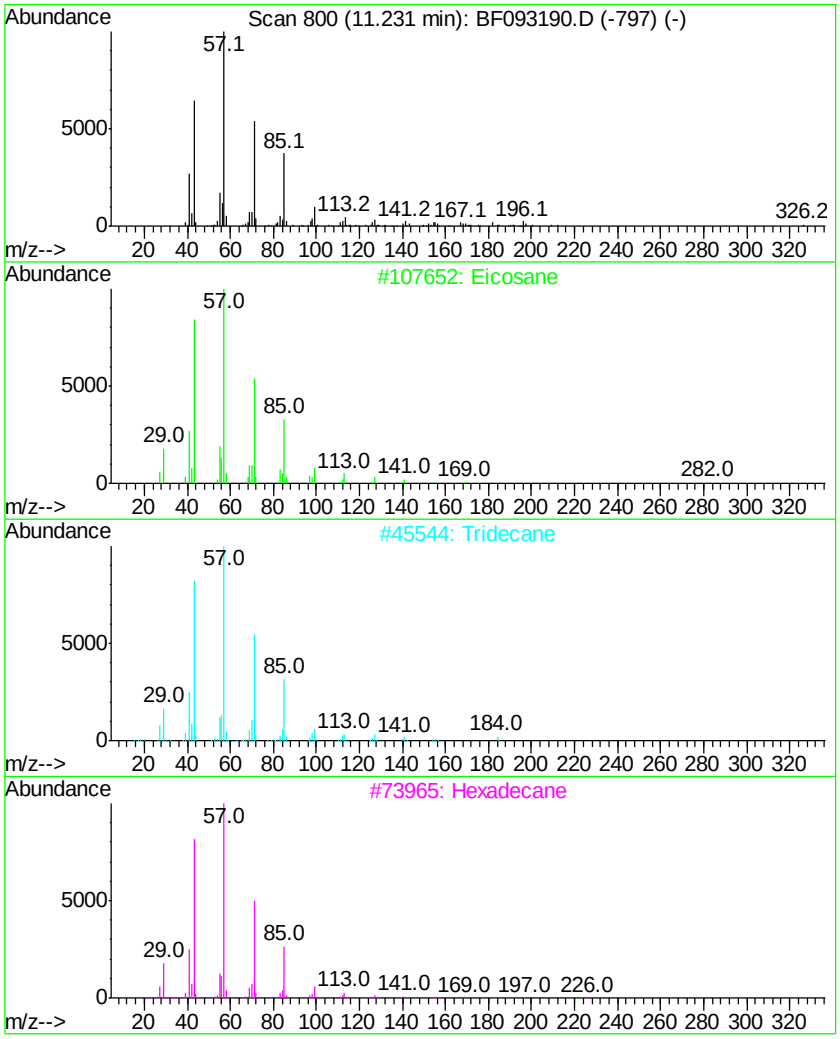
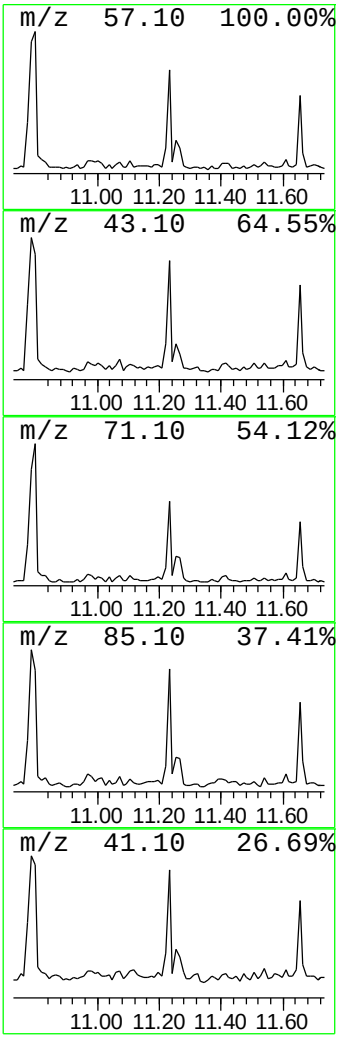
Peak Number 10 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	4.32 ng	243801	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptacosane	380	C27H56	000593-49-7	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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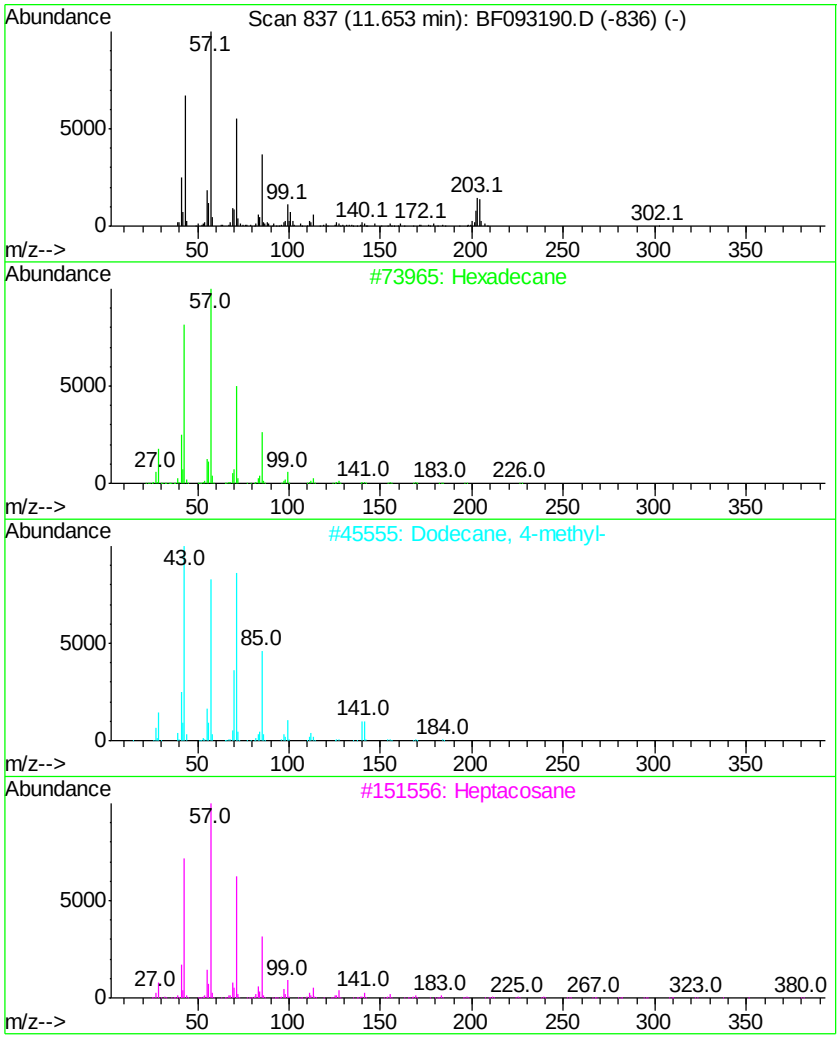
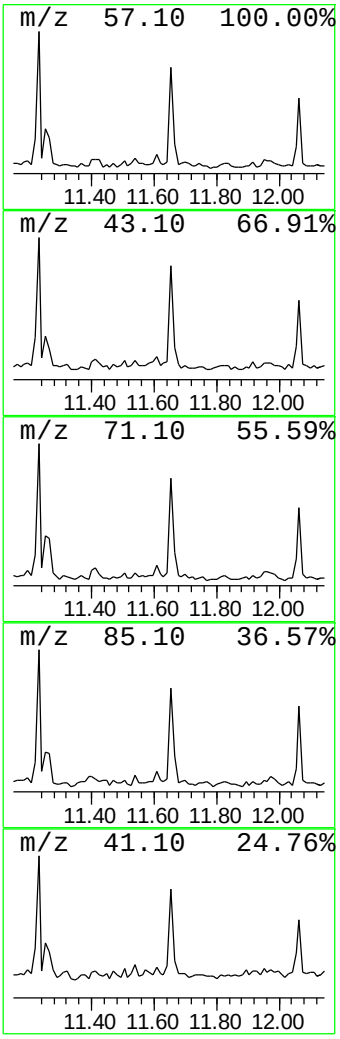
Peak Number 11 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.95 ng	166091	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tridecane	184	C13H28	000629-50-5	62
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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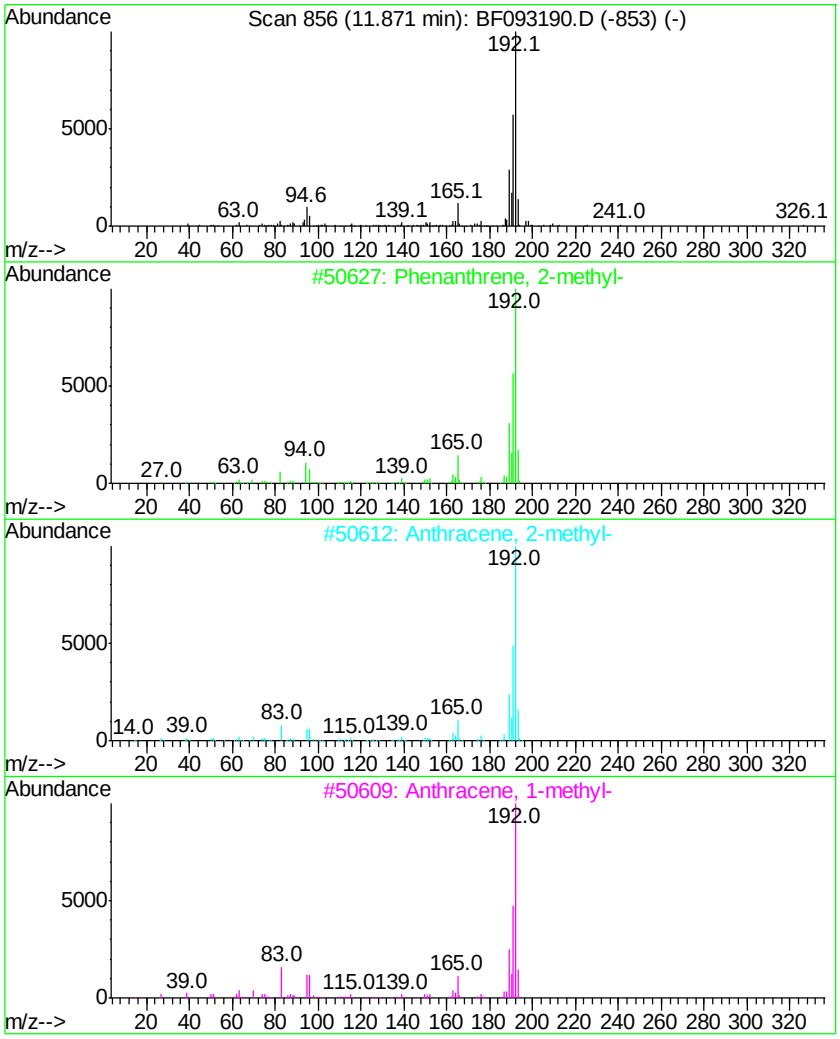
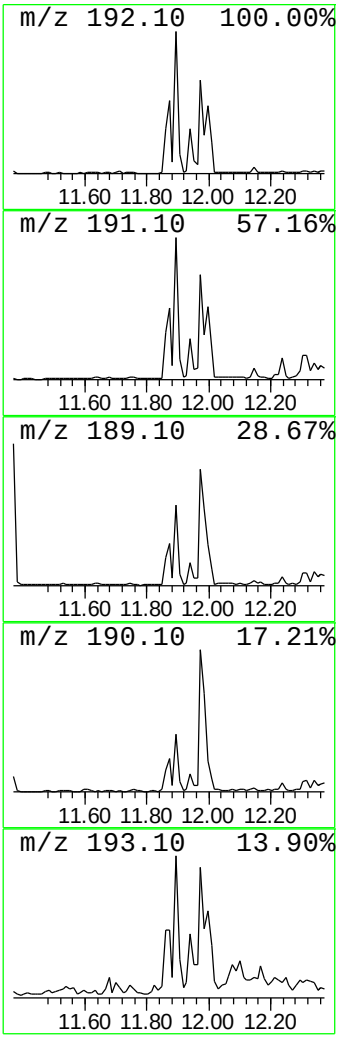
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.81 ng	214955	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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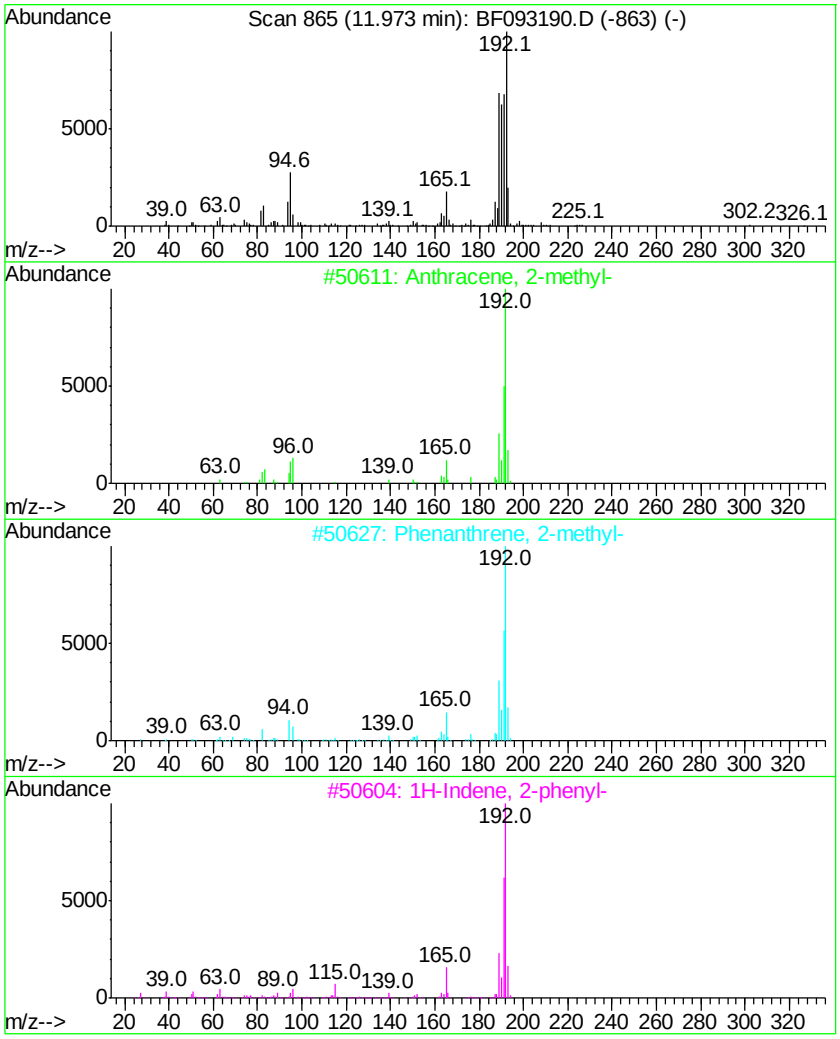
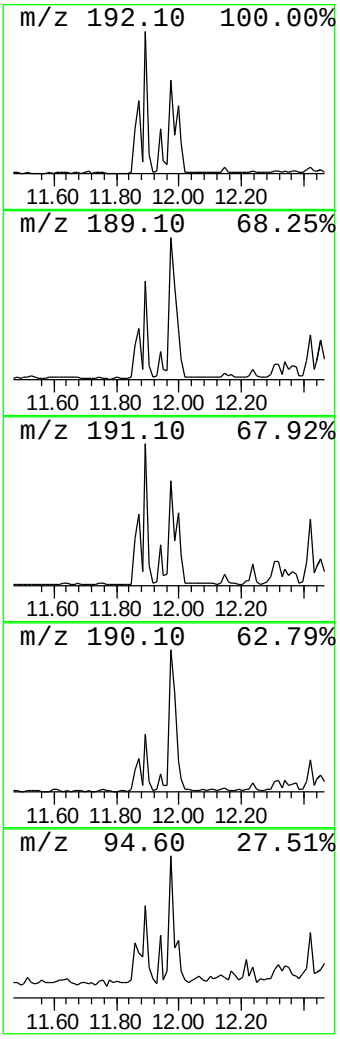
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.76 ng	493856	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55





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Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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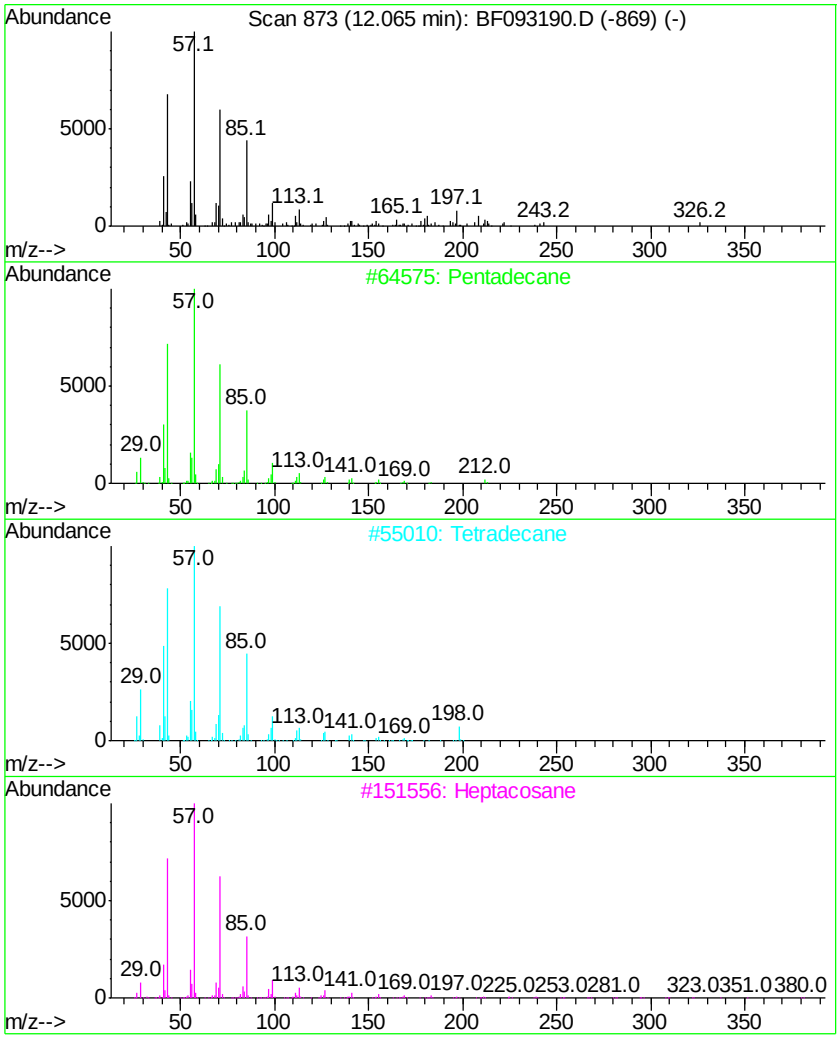
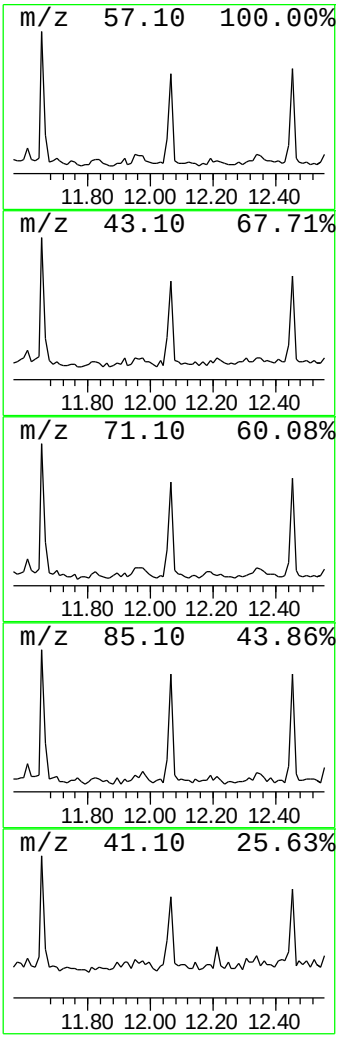
Peak Number 15 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.90 ng	219832	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Heneicosane	296	C21H44	000629-94-7	80





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Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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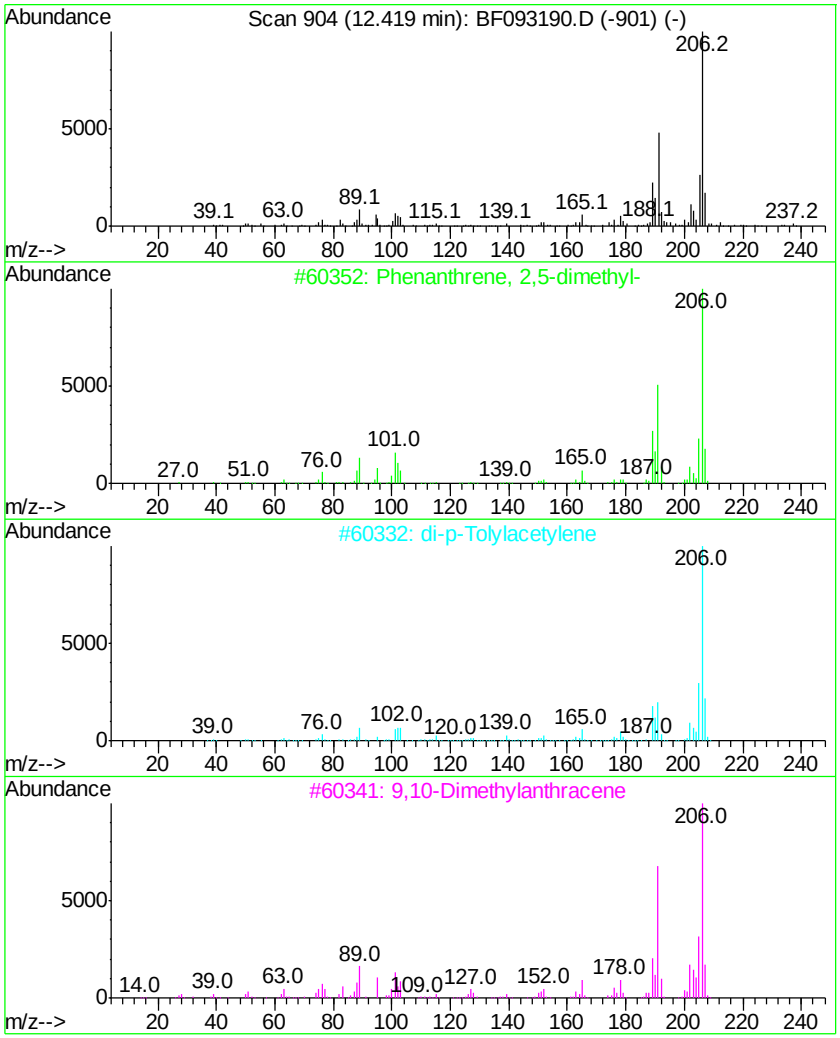
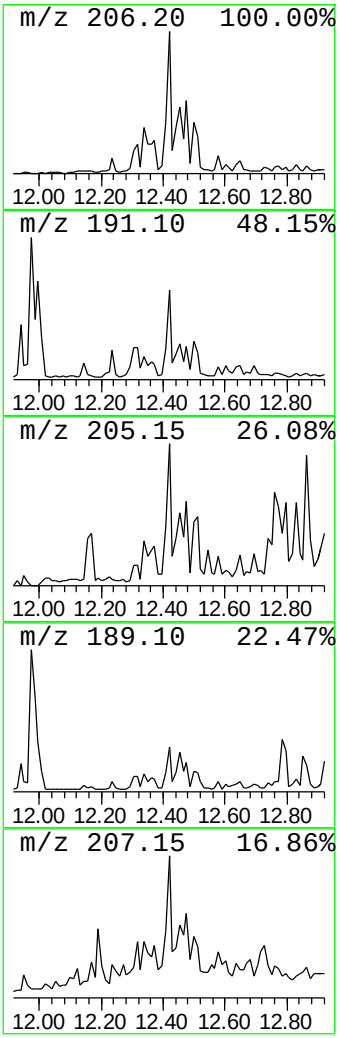
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.00 ng	225658	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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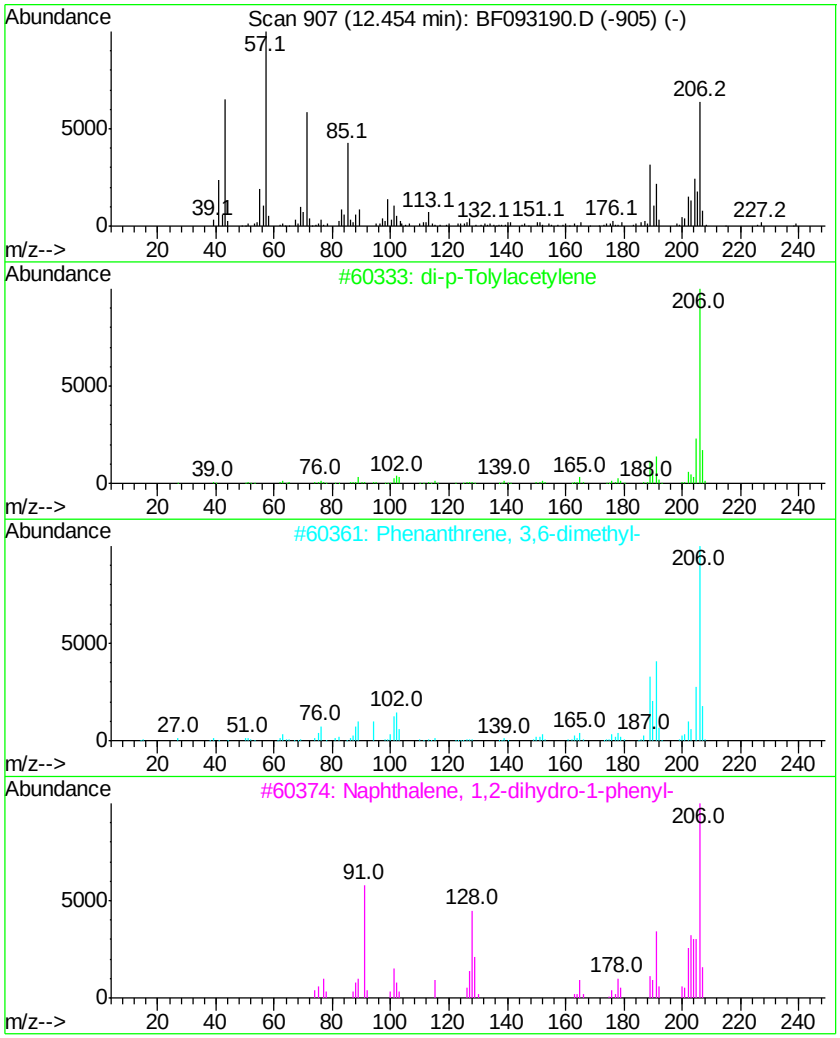
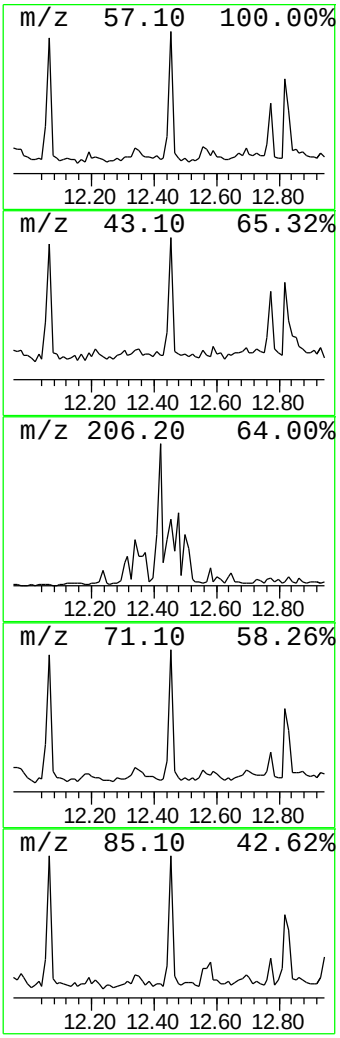
Peak Number 17 unknown12.45 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.89 ng	275530	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	25





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Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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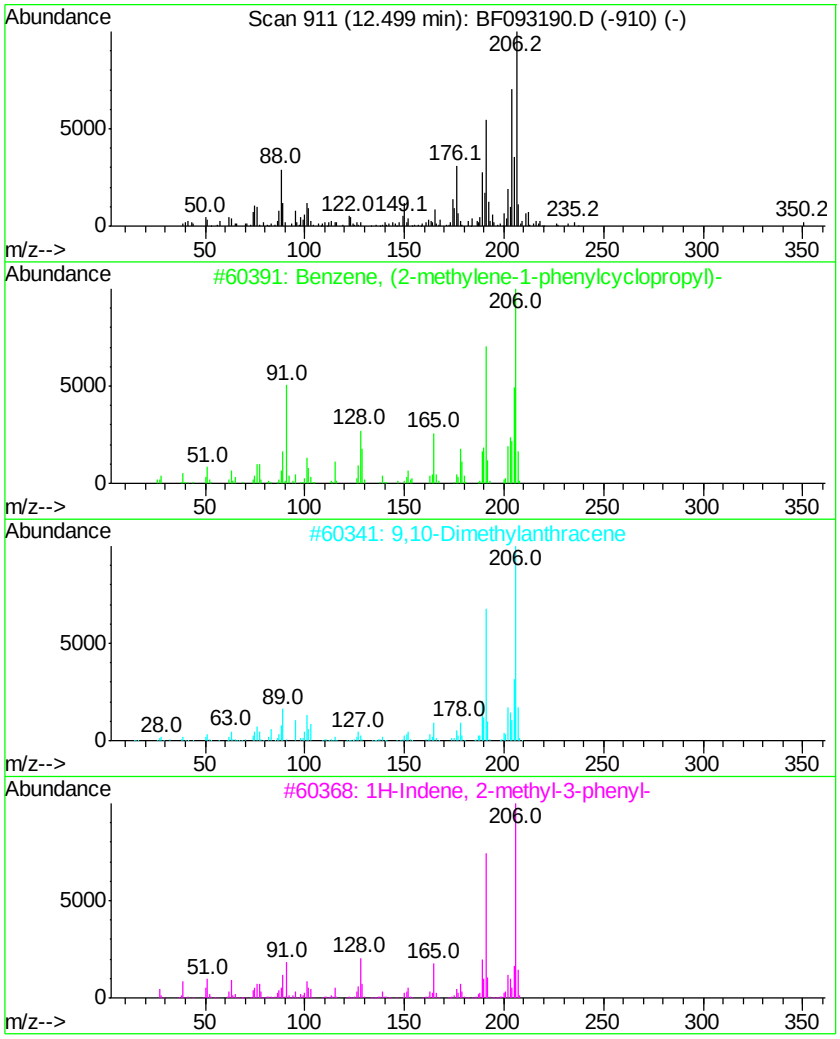
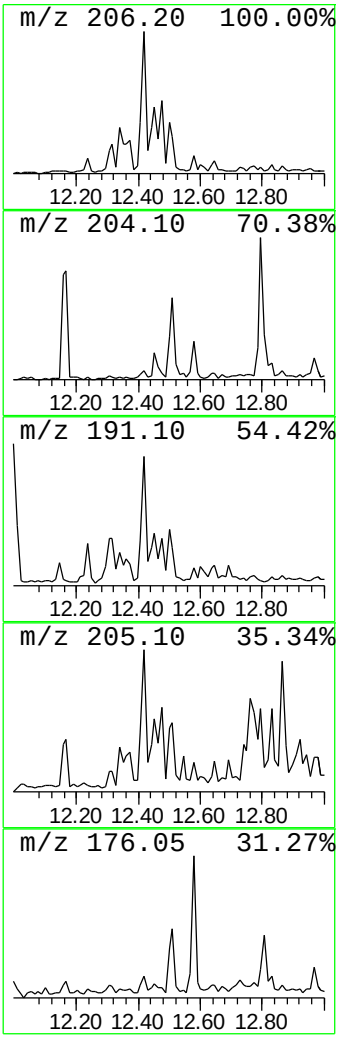
Peak Number 18 Benzene, (2-methylene-1-phe... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.92 ng	164693	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	53
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	52
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	52





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Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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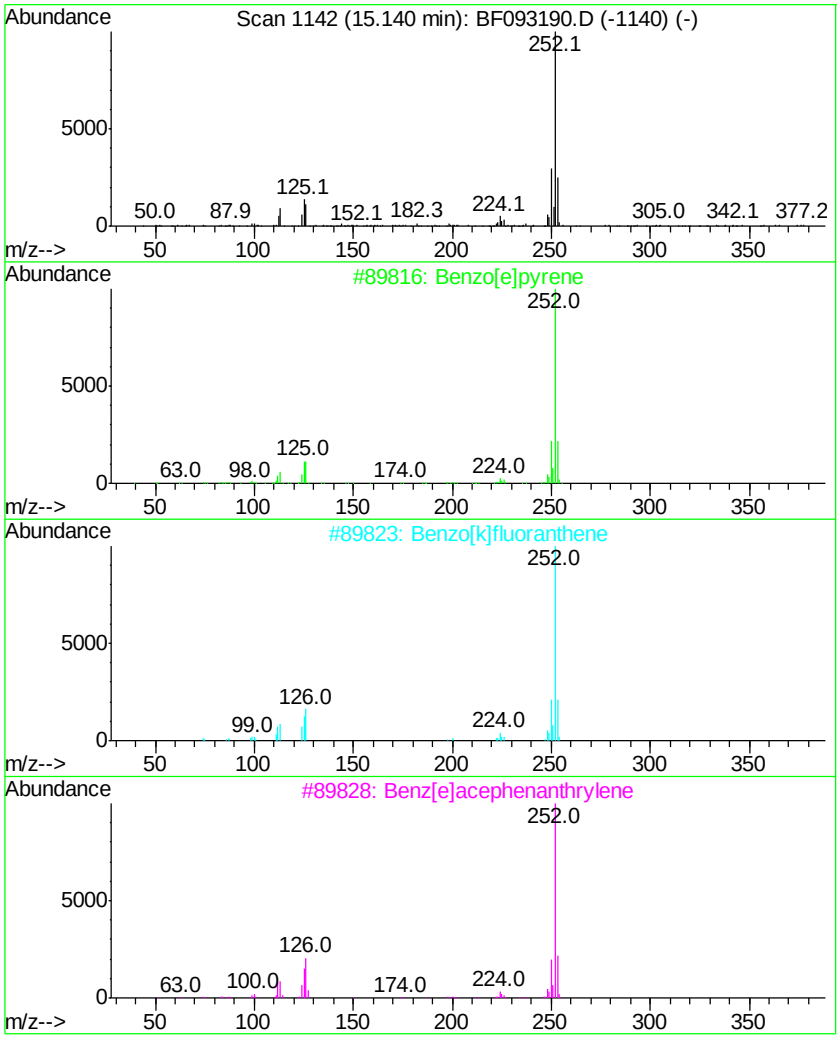
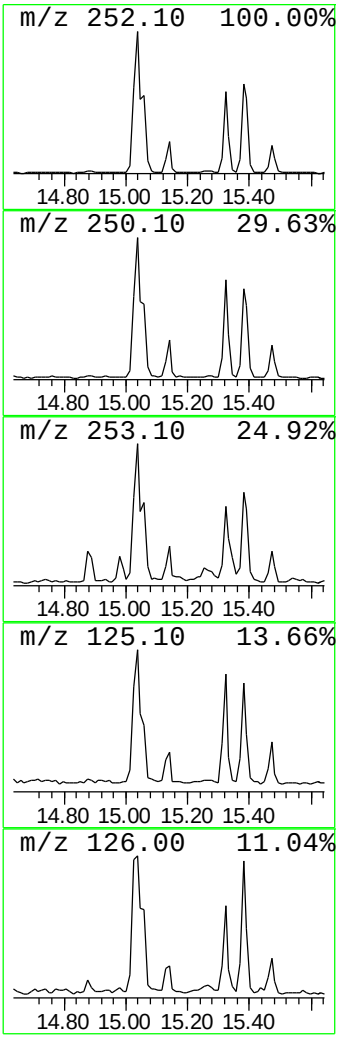
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.76 ng	128350	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093190.D
Acq On : 25 Feb 2017 14:00
Operator : SJ/MA
Sample : I1972-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE2-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	44.4	ng	2058480	1	6.83	926649	20.0
unknown6.60	6.60	83.7	ng	3875850	1	6.83	926649	20.0
Benzene, 1,2,3-tr...	6.66	3.0	ng	139096	1	6.83	926649	20.0
Naphthalene, 2,3-...	9.54	3.6	ng	203292	3	9.88	1112450	20.0
Naphthalene, 1,6,...	10.42	3.7	ng	203364	3	9.88	1112450	20.0
unknown10.53	10.53	3.3	ng	181634	3	9.88	1112450	20.0
Tridecane, 5-propyl-	10.80	8.3	ng	469342	4	11.37	1127940	20.0
Eicosane	11.23	4.3	ng	243801	4	11.37	1127940	20.0
Hexadecane	11.65	3.0	ng	166091	4	11.37	1127940	20.0
Phenanthrene, 2-m...	11.87	3.8	ng	214955	4	11.37	1127940	20.0
Anthracene, 2-met...	11.97	8.8	ng	493856	4	11.37	1127940	20.0
Pentadecane	12.06	3.9	ng	219832	4	11.37	1127940	20.0
Phenanthrene, 2,5...	12.42	4.0	ng	225658	4	11.37	1127940	20.0
unknown12.45	12.45	4.9	ng	275530	4	11.37	1127940	20.0
Benzene, (2-methy...	12.50	2.9	ng	164693	4	11.37	1127940	20.0
Benzo[e]pyrene	15.14	3.8	ng	128350	6	15.45	682131	20.0