LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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	3.710	139	142	146	rVB	40491	65420	1.41%	0.108%
2	4.990	252	254	263	rBV	386872	573963	12.36%	0.950%
3	5.436	291	293	296	rBV	1161819	1571567	33.84%	2.602%
4	6.487	383	385	393	rBV	1765399	1895738	40.82%	3.139%
5	6.613	393	396	398	rBV	1492671	1654650	35.63%	2.740%
6	6.830	413	415	418	rBV	618566	859093	18.50%	1.422%
7	6.990	427	429	432	rBV	1374181	1230038	26.49%	2.037%
8	7.402	463	465	468	rBV	715846	791993	17.05%	1.311%
9	7.893	504	508	517	rVB2	26755	73032	1.57%	0.121%
10	8.133	526	529	531	rBV	1004081	1149668	24.76%	1.904%
11	9.208	620	623	625	rBV	1723088	1625764	35.01%	2.692%
12	9.539	650	652	654	rBV	54478	69470	1.50%	0.115%
13	9.608	656	658	660	rVV	104213	119975	2.58%	0.199%
14	9.653	660	662	668	rVV2	18942	48254	1.04%	0.080%
15	9.745	668	670	672	rVB	96066	79384	1.71%	0.131%
16	9.882	680	682	684	rBV	1172506	1026200	22.10%	1.699%
17	9.916	684	685	687	rVB	214140	157536	3.39%	0.261%
18	10.088	698	700	702	rBV	108994	100427	2.16%	0.166%
19	10.305	715	719	721	rBV2	37714	94991	2.05%	0.157%
20	10.431	728	730	732	rVB	179883	166231	3.58%	0.275%
21	10.522	732	738	741	rBV5	35162	142696	3.07%	0.236%
22	10.591	741	744	746	rVB2	50543	62883	1.35%	0.104%
23	10.671	749	751	754	rBV2	799062	930690	20.04%	1.541%
24	10.785	759	761	765	rVB4	64737	111344	2.40%	0.184%
25	10.979	775	778	779	rBV2	68948	106618	2.30%	0.177%
26	11.128	787	791	794	rBV2	63101	136787	2.95%	0.226%
27	11.173	794	795	797	rVB	79975	90220	1.94%	0.149%
28	11.231	797	800	801	rBV2	100232	132111	2.84%	0.219%
29	11.265	801	803	806	rVB	161189	156884	3.38%	0.260%
30	11.391	810	814	816	rBV2	1672468	3179758	68.47%	5.265%
31	11.448	816	819	821	rVV	746033	718922	15.48%	1.190%
32	11.482	821	822	825	rVB	85818	83742	1.80%	0.139%
33	11.608	829	833	836	rBV2	336115	543551	11.70%	0.900%
34	11.665	836	838	840	rVV2	121884	146956	3.16%	0.243%

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Misc :
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Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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

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Peak separation: 5

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

35	11.711	840	842	844	rVB3	57314	87705	1.89%	0.145%
36	11.871	854	856	857	rVV	428067	390903	8.42%	0.647%
37	11.905	857	859	861	rVV	471762	565092	12.17%	0.936%
38	11.951	861	863	864	rVV	253136	241727	5.21%	0.400%
39	11.985	864	866	870	rVB2	689189	1010376	21.76%	1.673%
40	12.065	870	873	876	rBV3	106281	240112	5.17%	0.398%
41	12.168	880	882	883	rVV	357731	315976	6.80%	0.523%
42	12.202	883	885	887	rVB	258233	240134	5.17%	0.398%
43	12.316	893	895	897	rBV	131953	161989	3.49%	0.268%
44	12.351	897	898	902	rVB	143040	227393	4.90%	0.377%
45	12.419	902	904	906	rBV	411692	520641	11.21%	0.862%
46	12.454	906	907	911	rVV2	207097	376191	8.10%	0.623%
47	12.511	911	912	916	rVB	197549	279553	6.02%	0.463%
48	12.591	916	919	921	rBV	3580526	3747754	80.70%	6.205%
49	12.648	921	924	926	rVB2	93007	155498	3.35%	0.257%
50	12.739	929	932	933	rBV2	189129	261884	5.64%	0.434%
51	12.774	933	935	936	rVB2	65587	66760	1.44%	0.111%
52	12.819	936	939	942	rBV	3060078	4643958	100.00%	7.689%
53	12.865	942	943	946	rVB2	217094	233706	5.03%	0.387%
54	12.956	947	951	955	rBV3	2147580	2855974	61.50%	4.729%
55	13.036	955	958	960	rBV2	315085	551300	11.87%	0.913%
56	13.151	964	968	969	rVB	448249	924523	19.91%	1.531%
57	13.185	969	971	972	rBV2	199806	245793	5.29%	0.407%
58	13.208	972	973	975	rVV	356372	402833	8.67%	0.667%
59	13.254	975	977	980	rVV3	428210	721420	15.53%	1.194%
60	13.345	983	985	986	rVV	285856	290341	6.25%	0.481%
61	13.368	986	987	992	rVB2	252303	386137	8.31%	0.639%
62	13.528	999	1001	1002	rBV	156045	221074	4.76%	0.366%
63	13.631	1008	1010	1011	rBV	109430	142516	3.07%	0.236%
64	13.654	1011	1012	1014	rVB	264718	299859	6.46%	0.496%
65	13.768	1019	1022	1023	rVV	347237	486369	10.47%	0.805%
66	13.791	1023	1024	1025	rVV	462940	390338	8.41%	0.646%
67	13.814	1025	1026	1029	rVV2	313291	633935	13.65%	1.050%
68	13.859	1029	1030	1034	rVB2	339483	463229	9.97%	0.767%
69	13.939	1034	1037	1040	rBV	87455	238635	5.14%	0.395%
70	14.008	1040	1043	1045	rBV2	1932628	3670269	79.03%	6.077%
71	14.042	1045	1046	1050	rVB	1611638	1991046	42.87%	3.297%

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Misc :
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Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.122	1051	1053	1056	rVB	490427	475055	10.23%	0.787%
73	14.248	1062	1064	1065	rVB2	141674	108996	2.35%	0.180%
74	14.408	1075	1078	1079	rVB	340098	373634	8.05%	0.619%
75	14.442	1079	1081	1082	rVB2	130960	151852	3.27%	0.251%
76	14.477	1082	1084	1087	rBV3	171567	345079	7.43%	0.571%
77	14.545	1087	1090	1092	rVB2	161763	320775	6.91%	0.531%
78	14.717	1103	1105	1109	rBV3	154162	252699	5.44%	0.418%
79	14.888	1118	1120	1124	rBV	146055	220883	4.76%	0.366%
80	15.048	1131	1134	1141	rBV	1404901	3158499	68.01%	5.230%
81	15.151	1141	1143	1145	rVB	305246	323930	6.98%	0.536%
82	15.345	1157	1160	1162	rVV	683387	1077360	23.20%	1.784%
83	15.402	1162	1165	1167	rVB	1272972	1543987	33.25%	2.556%
84	15.460	1167	1170	1171	rBV	487603	599381	12.91%	0.992%
85	15.494	1171	1173	1176	rVB2	310489	492953	10.61%	0.816%
86	16.877	1291	1294	1298	rVB	523069	952756	20.52%	1.578%
87	17.037	1306	1308	1311	rBV	82611	149015	3.21%	0.247%
88	17.311	1328	1332	1337	rBV	392401	892909	19.23%	1.478%
89	17.540	1349	1352	1359	rVB	137865	376473	8.11%	0.623%

Sum of corrected areas: 60395735

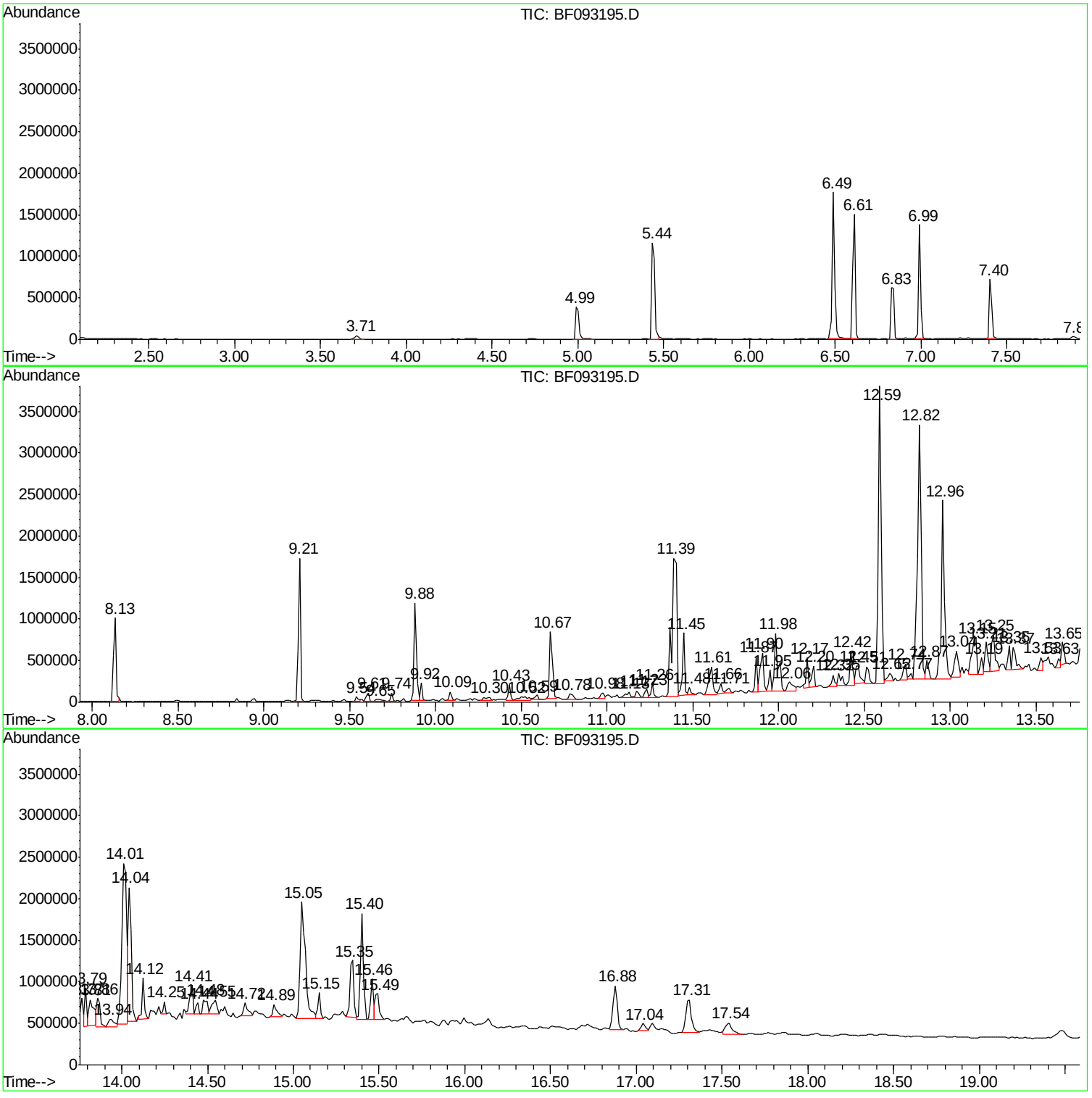
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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 : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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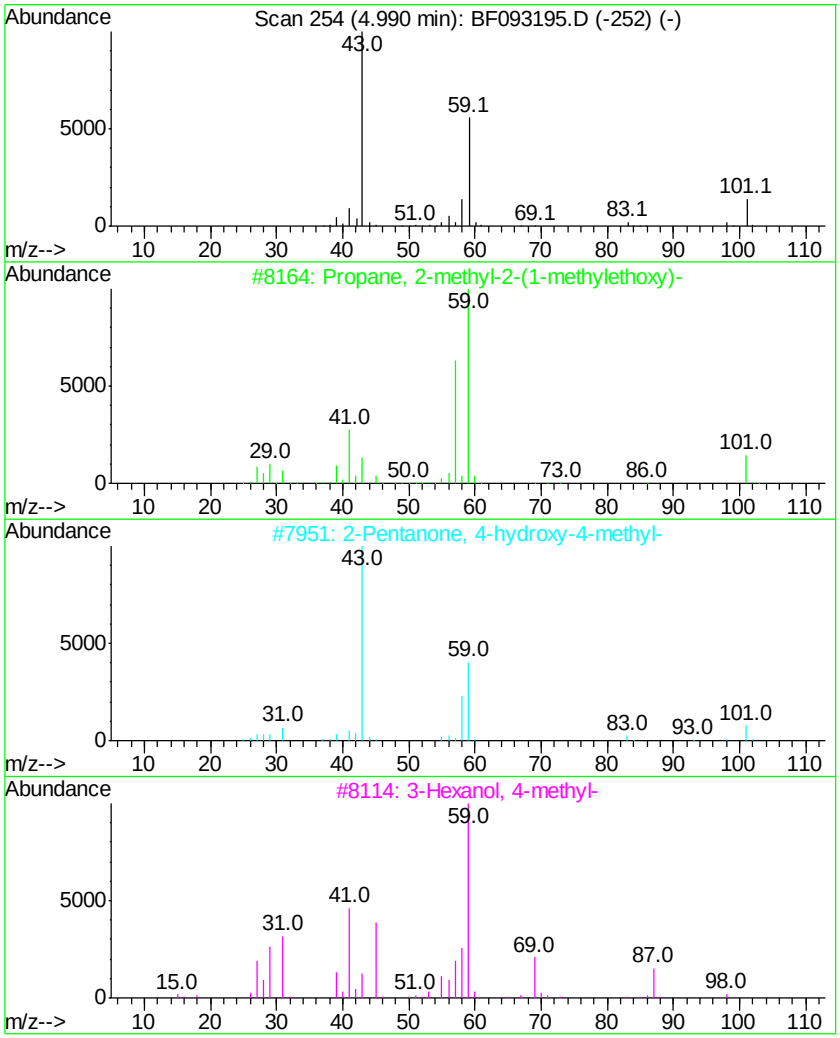
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

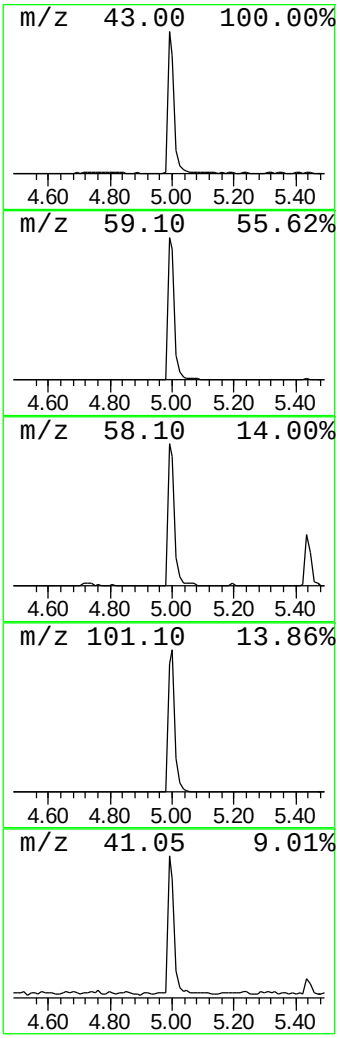
****

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	13.36 ng	573963	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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

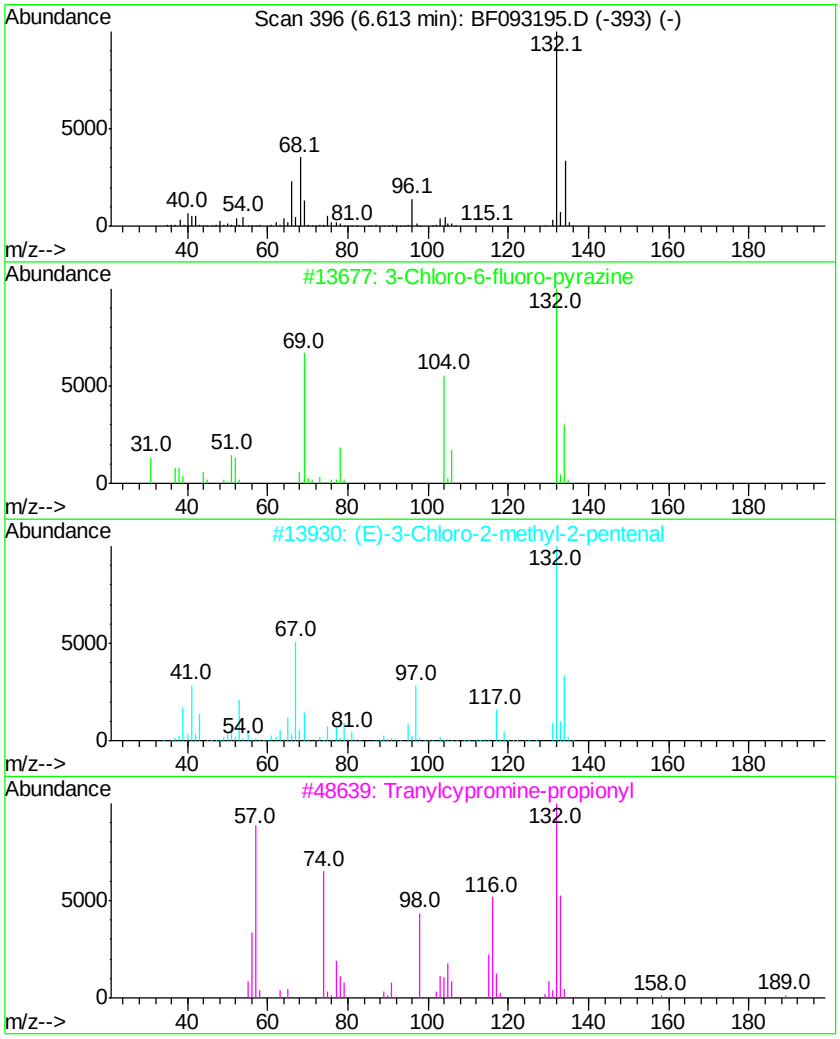
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

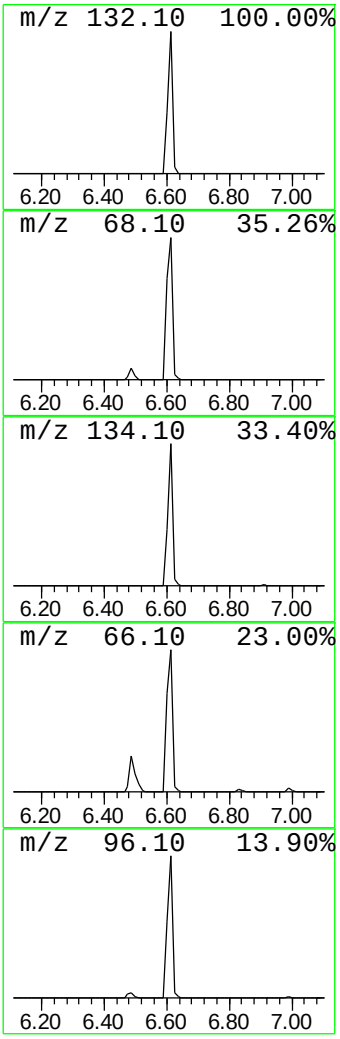
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	38.52 ng	1654650	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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
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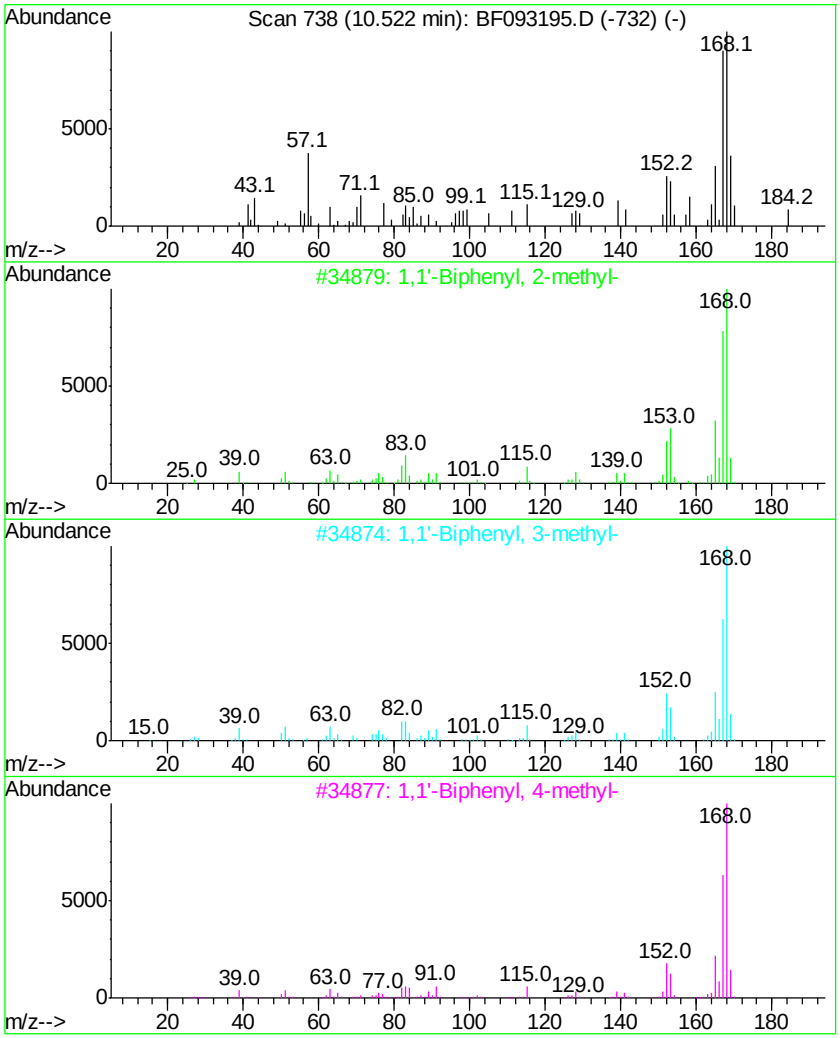
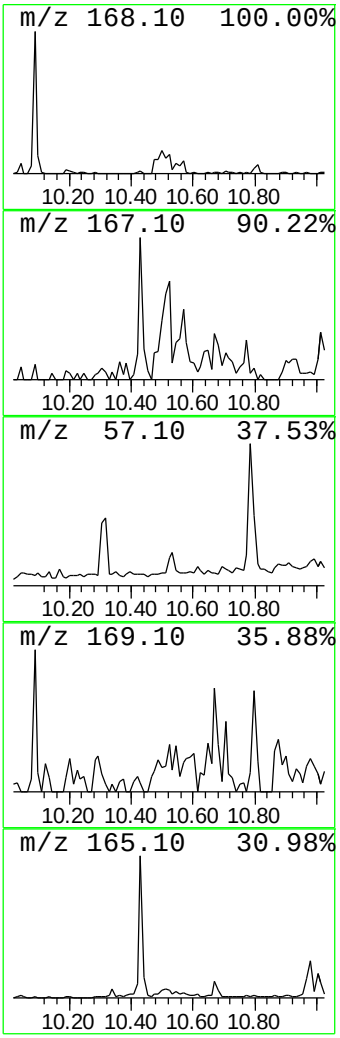
****

Peak Number 4 1,1'-Biphenyl, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.78 ng	142696	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	68
4	Diphenylmethane	168	C13H12	000101-81-5	64
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093195.D
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Misc :
ALS Vial : 48 Sample Multiplier: 1

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

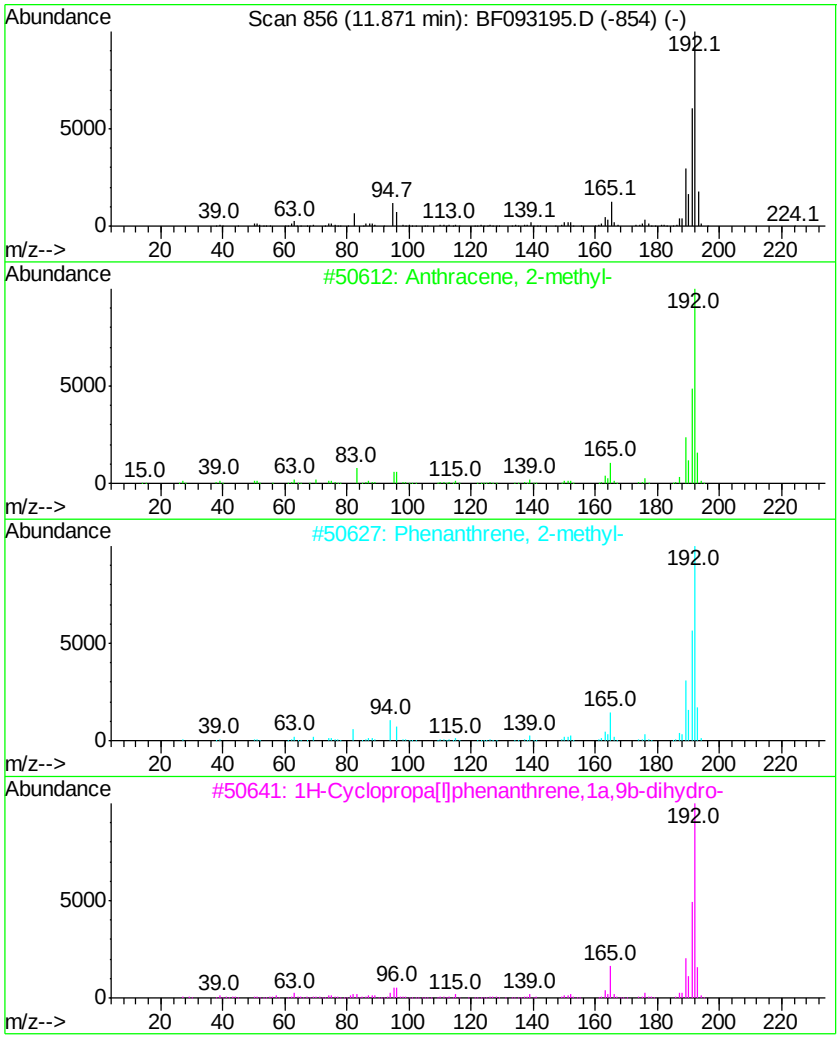
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

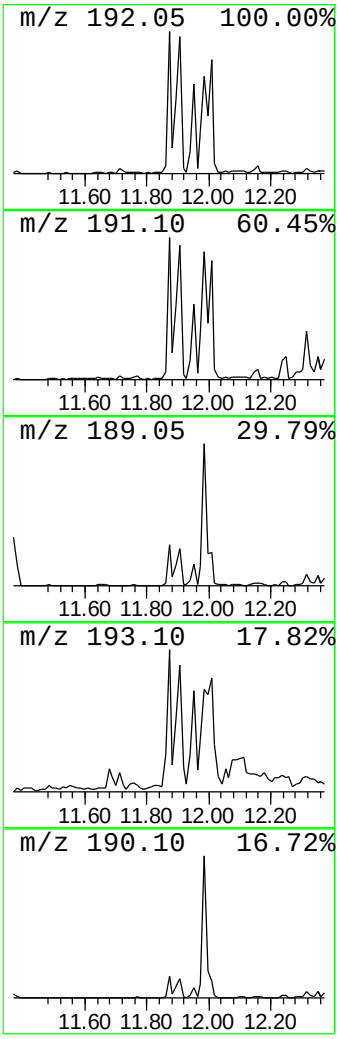
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.46 ng	390903	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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

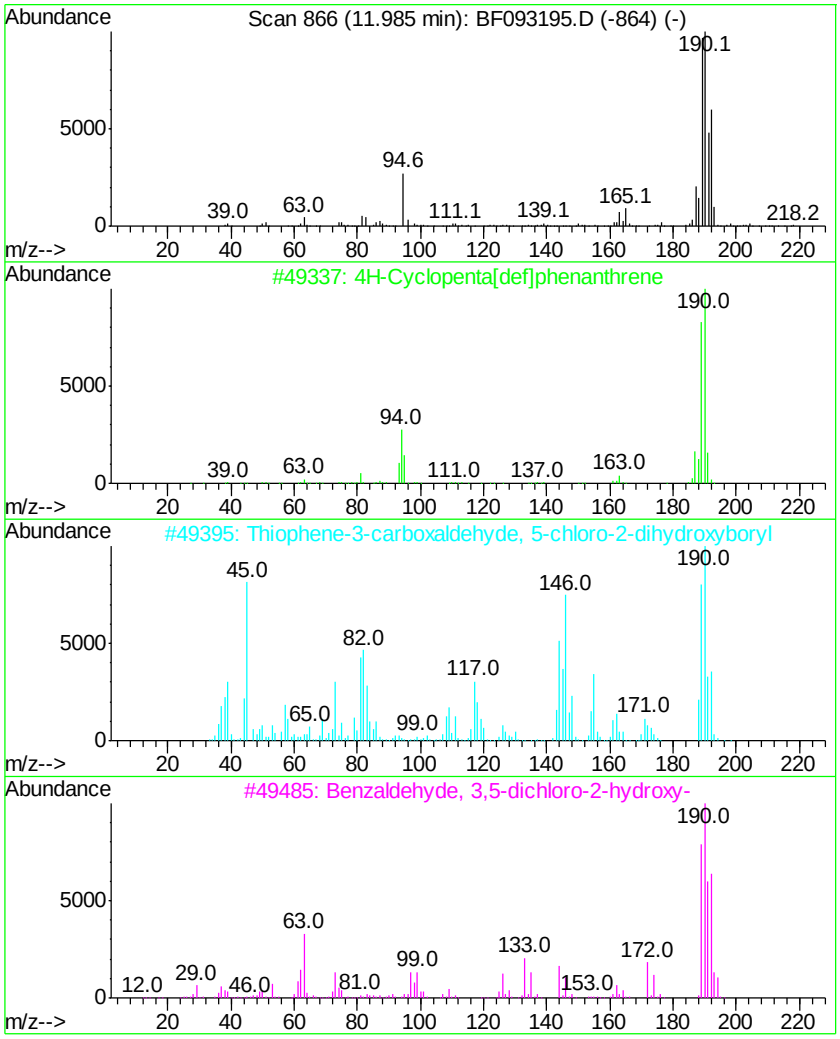
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

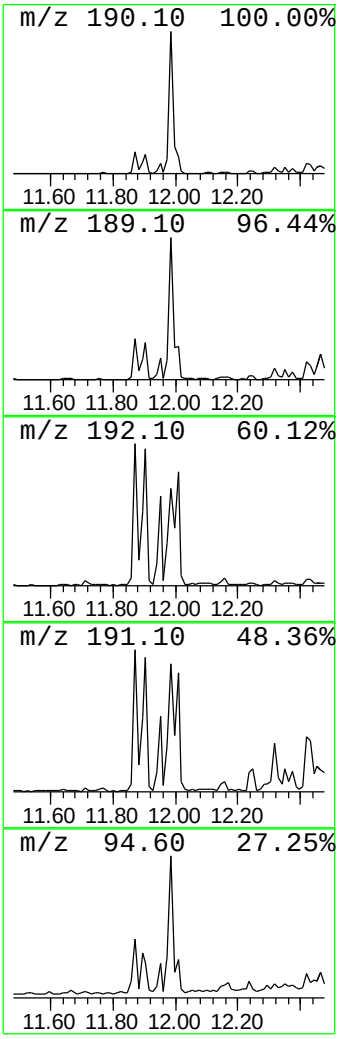
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.36 ng	1010380	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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

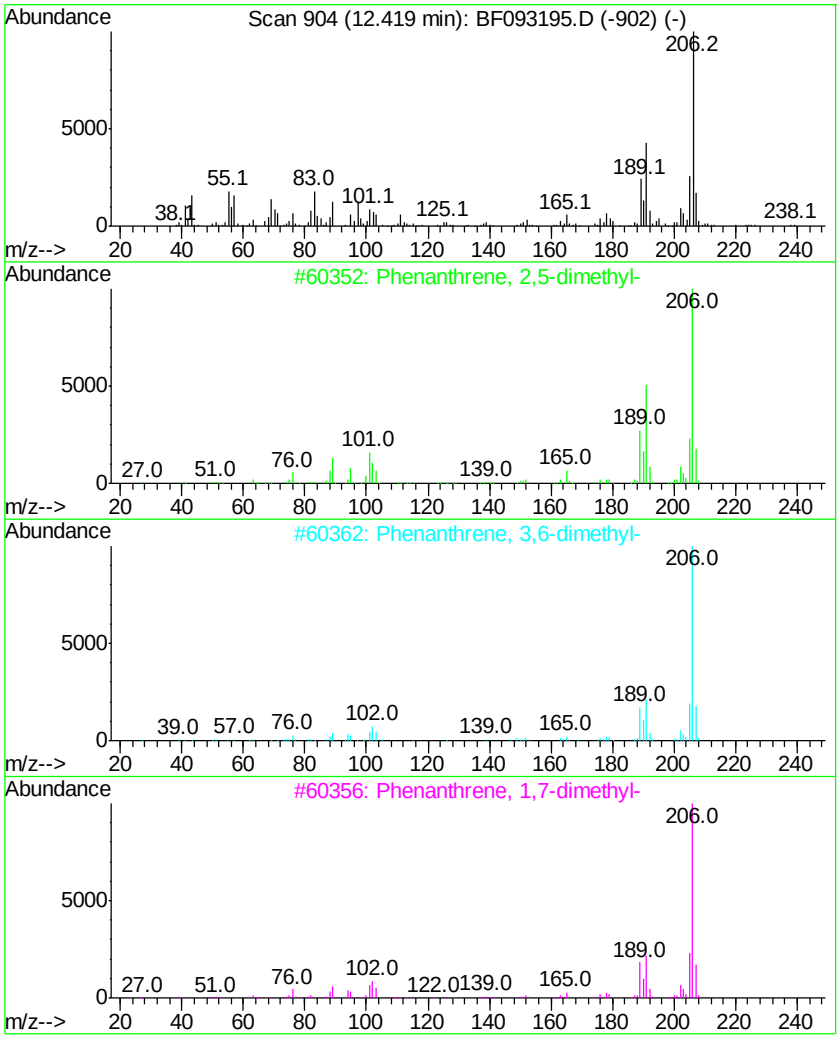
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

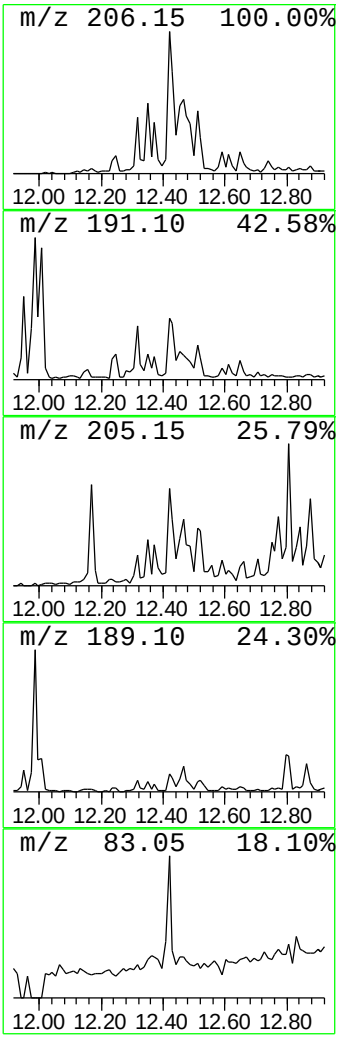
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.27 ng	520641	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	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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

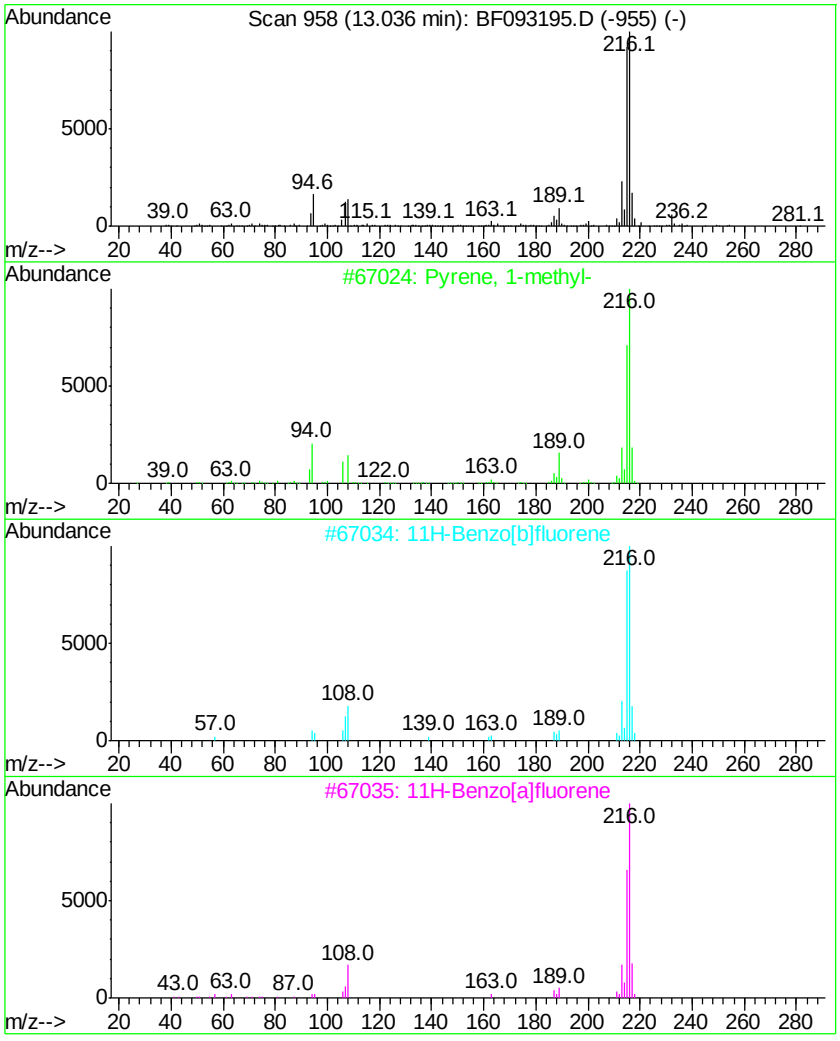
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

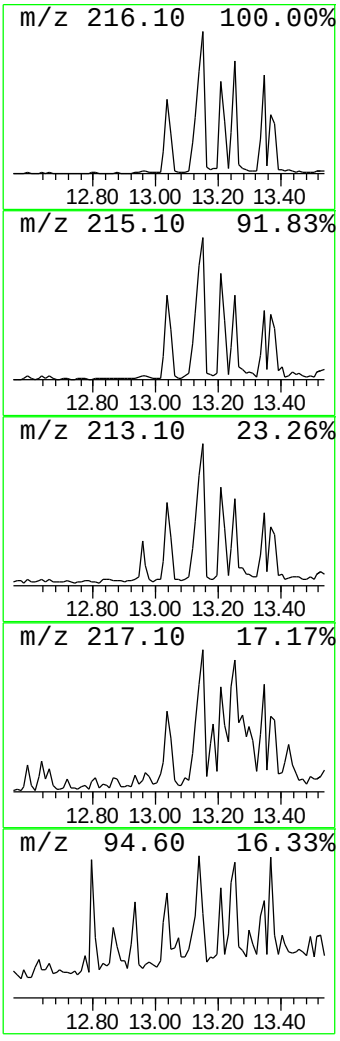
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	3.00 ng	551300	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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

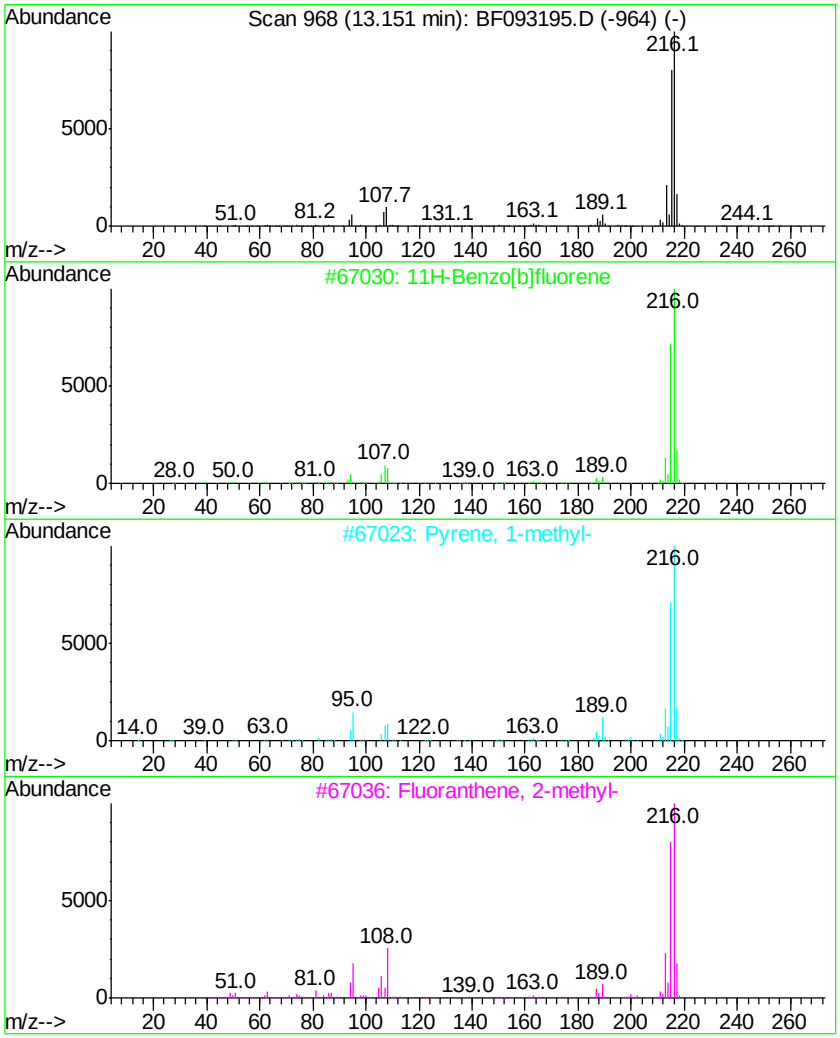
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

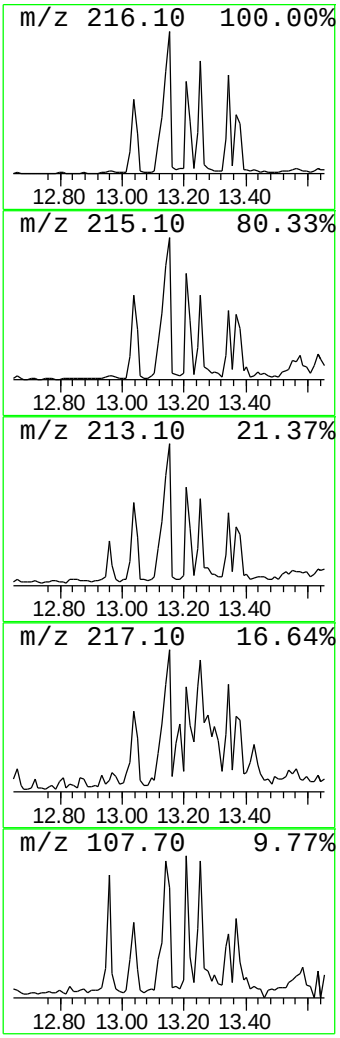
****

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.04 ng	924523	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Library Search Compound Report

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Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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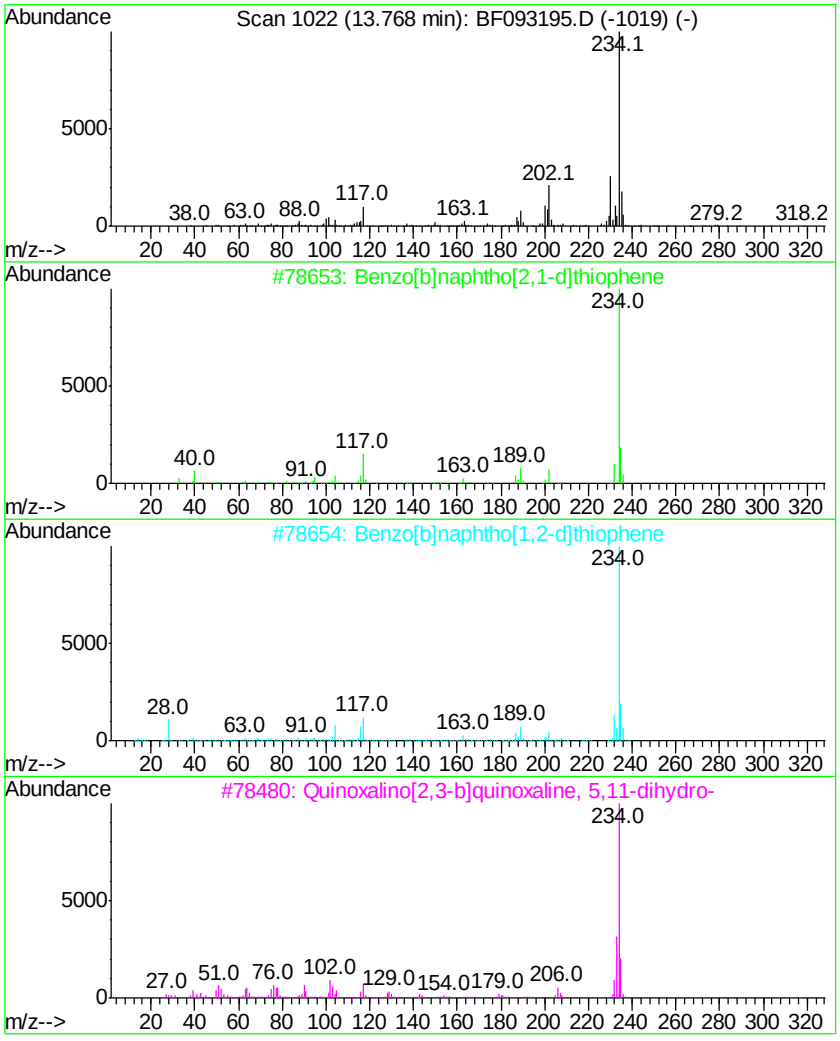
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

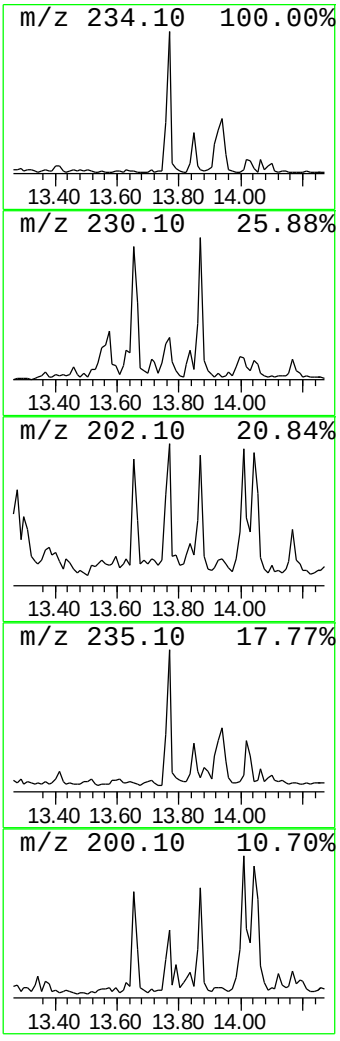
****

Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.65 ng	486369	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
3	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	52
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	52
5	Benzene, 1,1'-(2-cyclohexen-1-yl...	234	C18H18	031158-25-5	38





Library Search Compound Report

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Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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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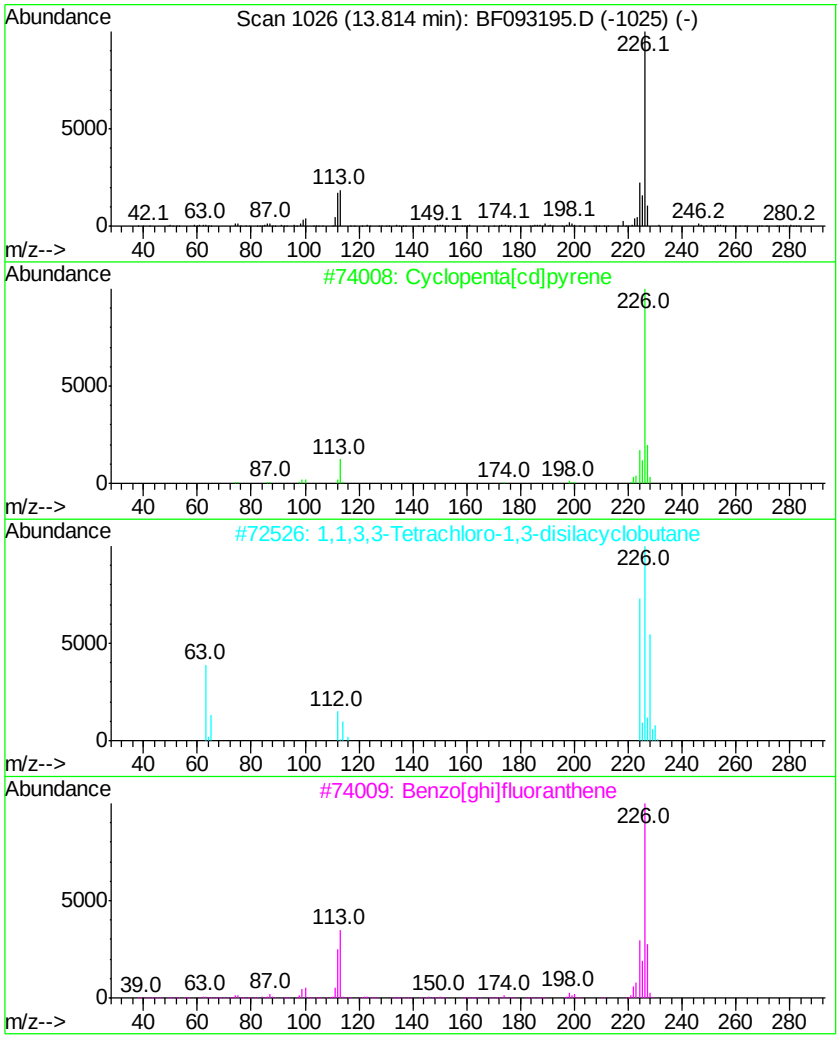
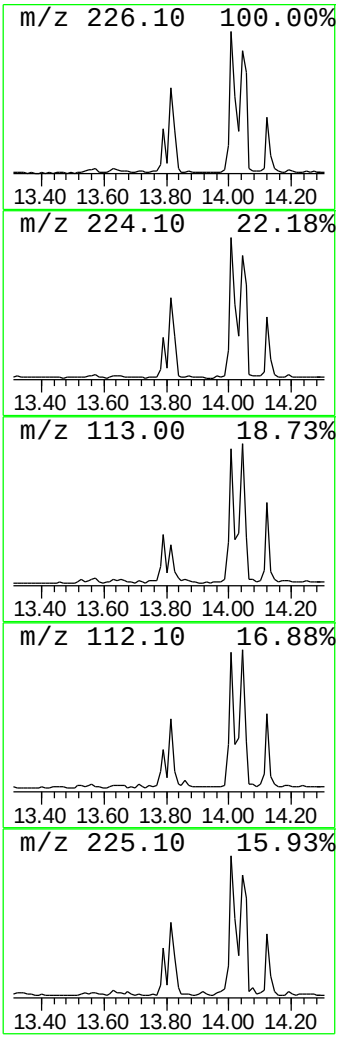
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.45 ng	633935	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
2	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	42
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	32
4	1(2H)-Naphthalenone, octahydro-8...	254	C18H22O	017429-44-6	23
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	12





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Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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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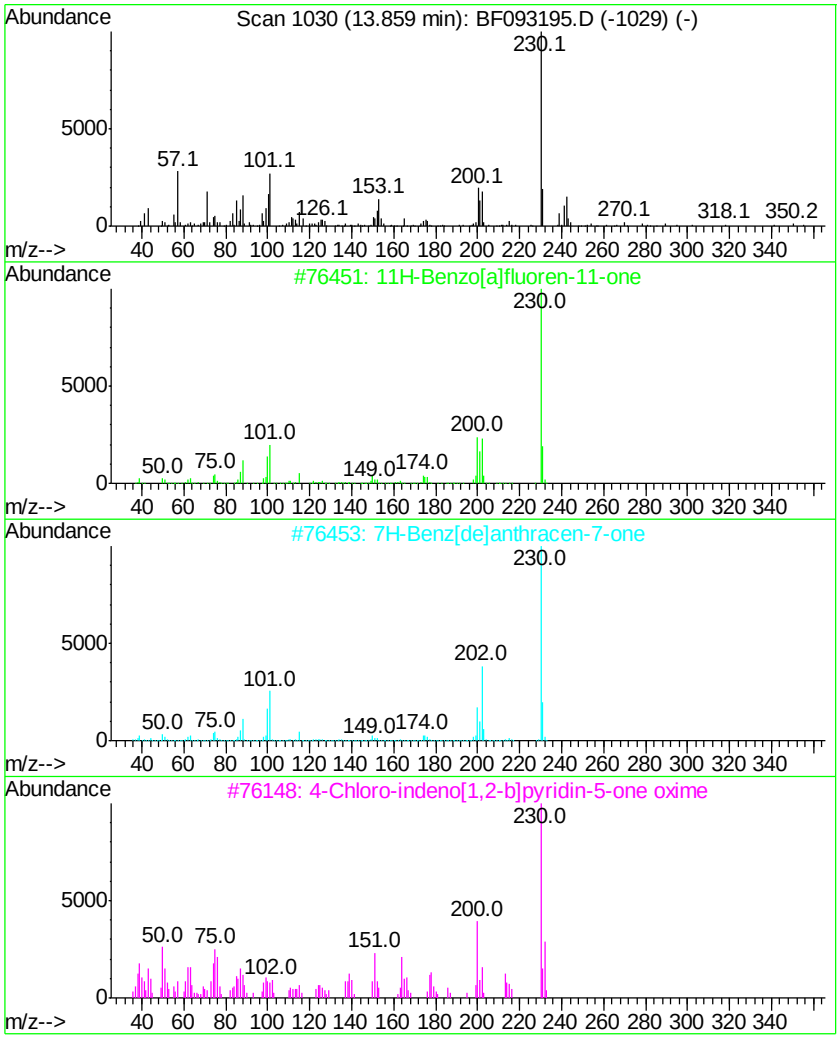
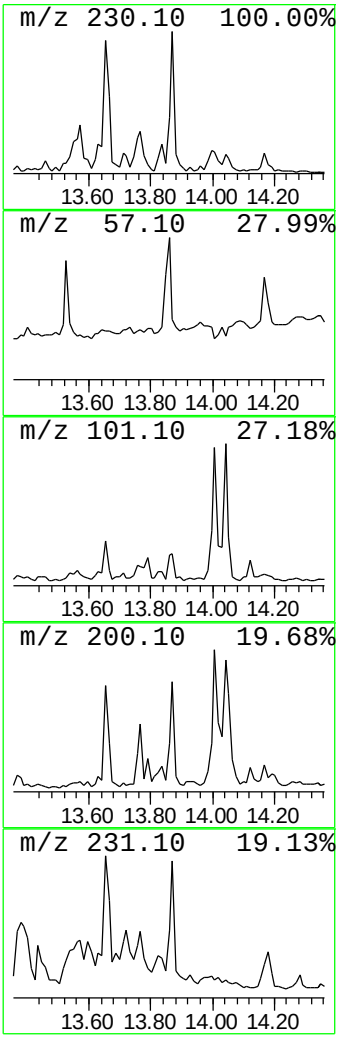
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.52 ng	463229	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	50
4	1,1'-Biphenyl, 5-hydroxy-3,4'-di...	230	C14H14O3	119101-26-7	43
5	m-Terphenyl	230	C18H14	000092-06-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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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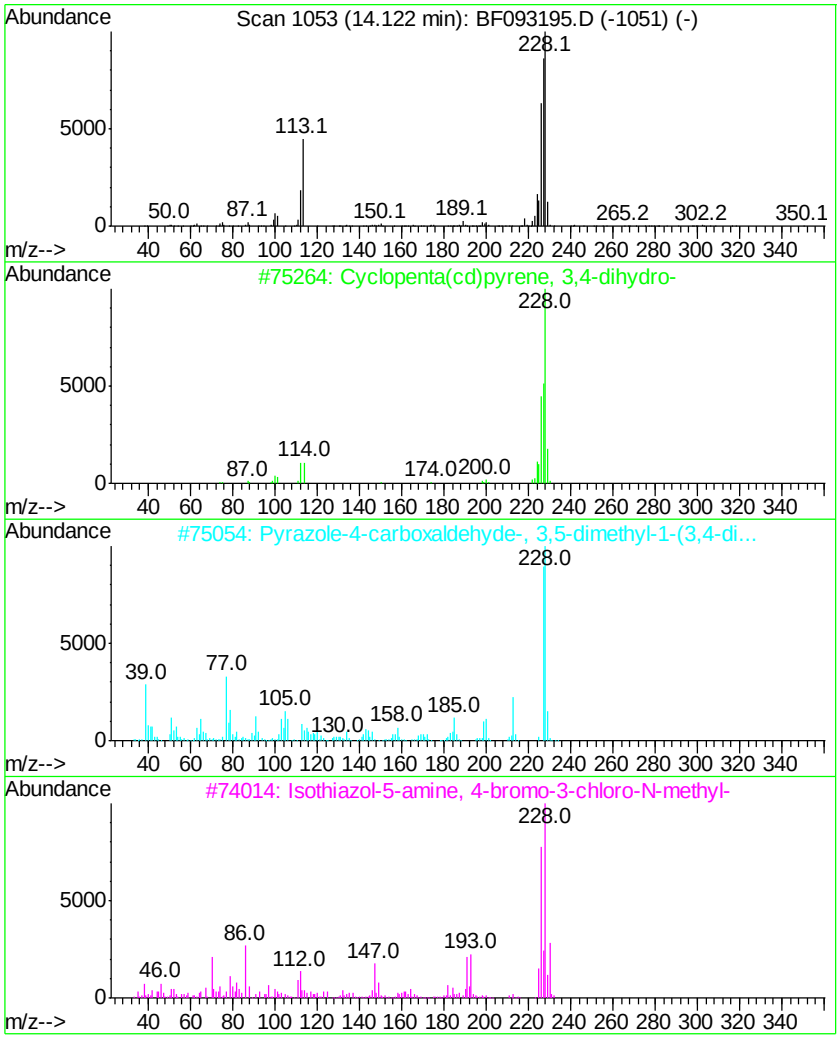
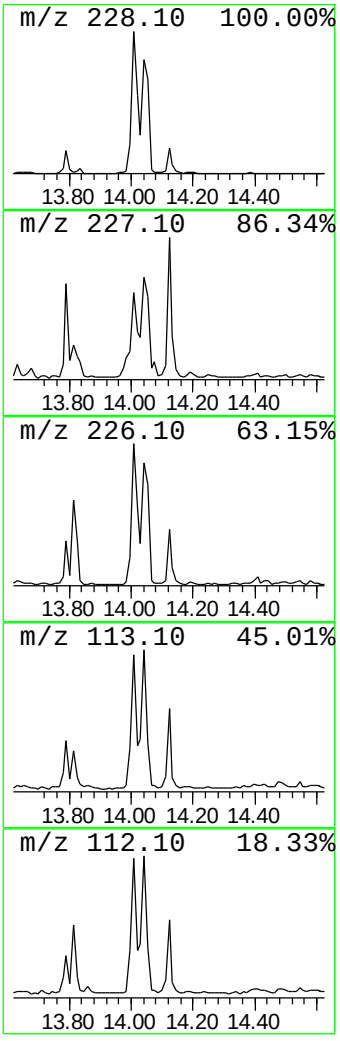
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.59 ng	475055	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
4	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	38
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38





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Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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
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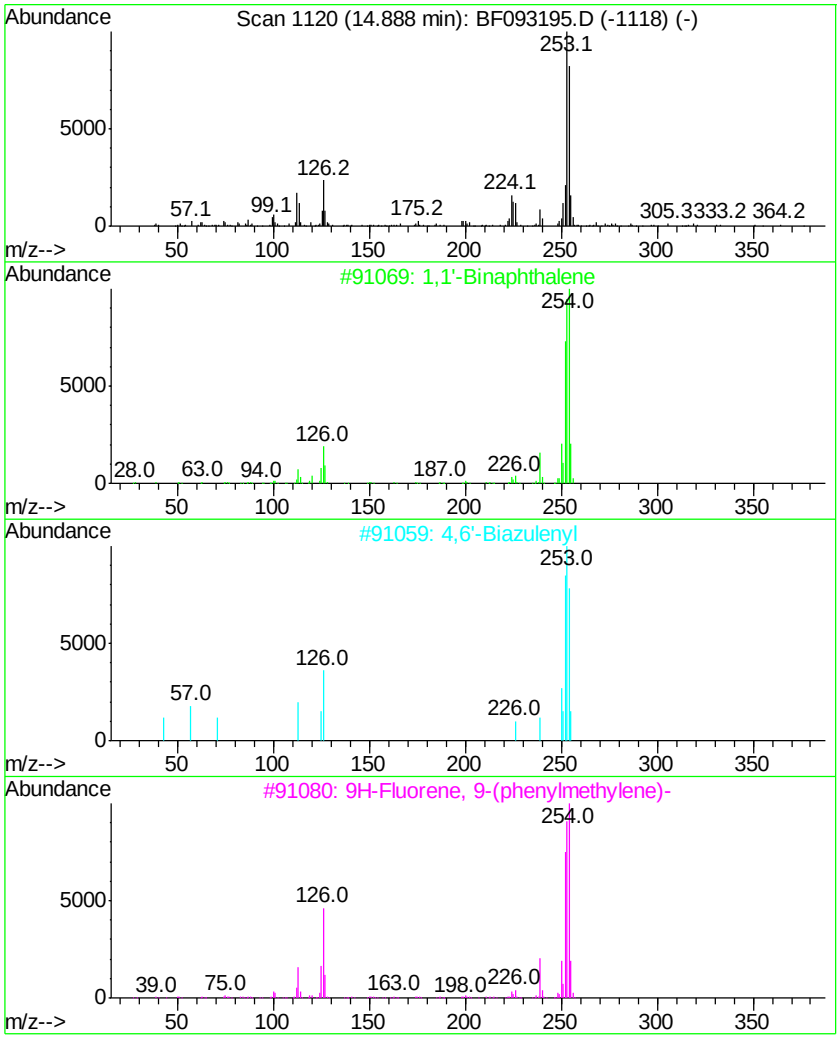
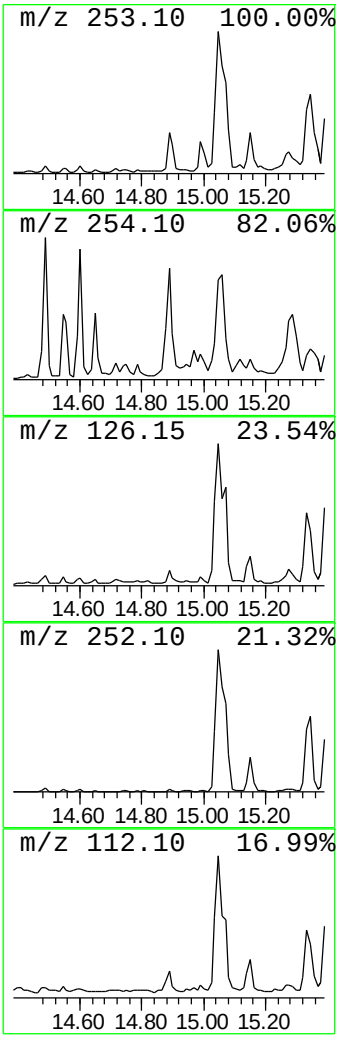
Peak Number 16 1,1'-Binaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	7.37 ng	220883	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	90
2	4,6'-Biazulenyl	254	C20H14	094154-49-1	81
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	81
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	74
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	74





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Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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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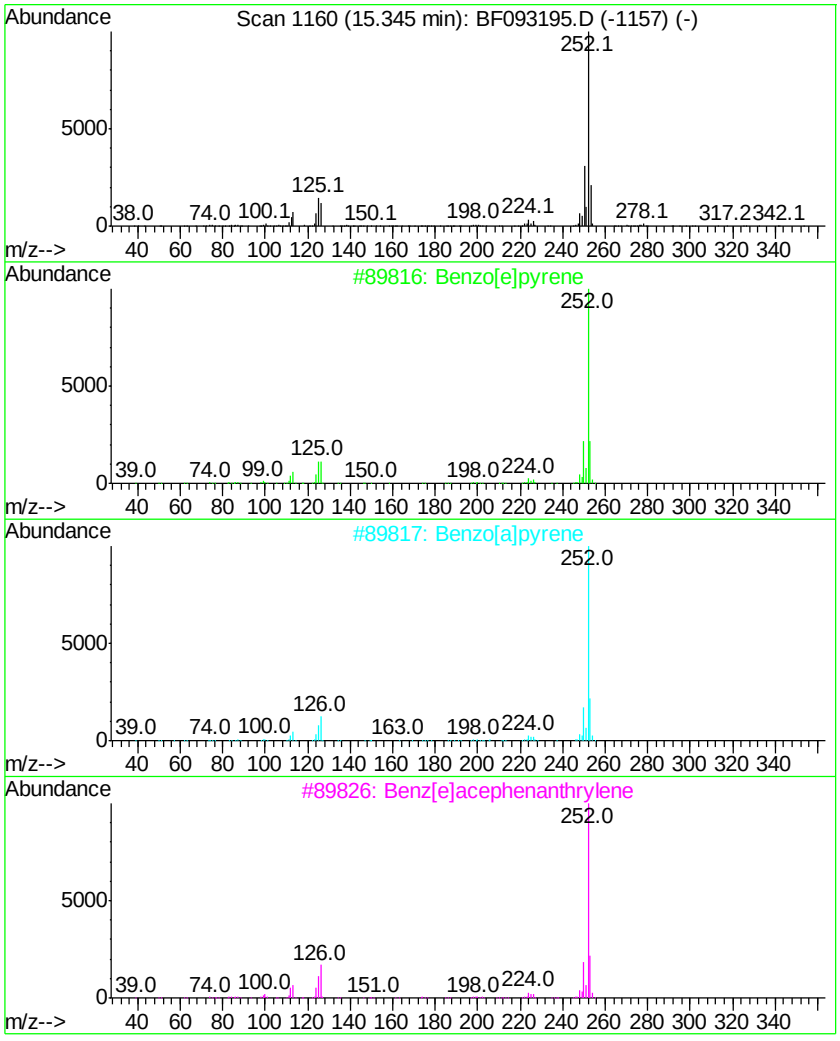
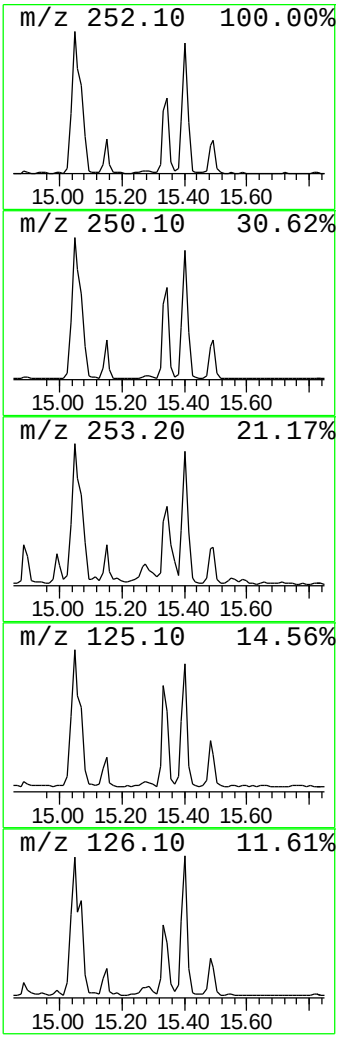
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	35.95 ng	1077360	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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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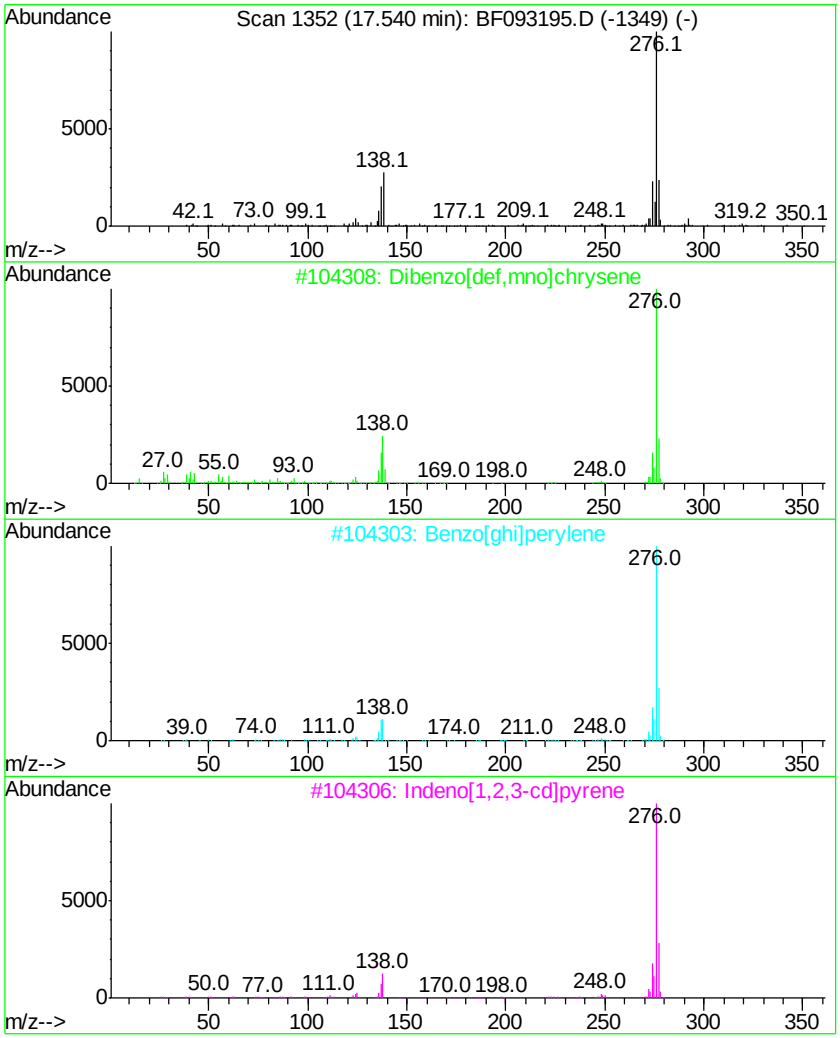
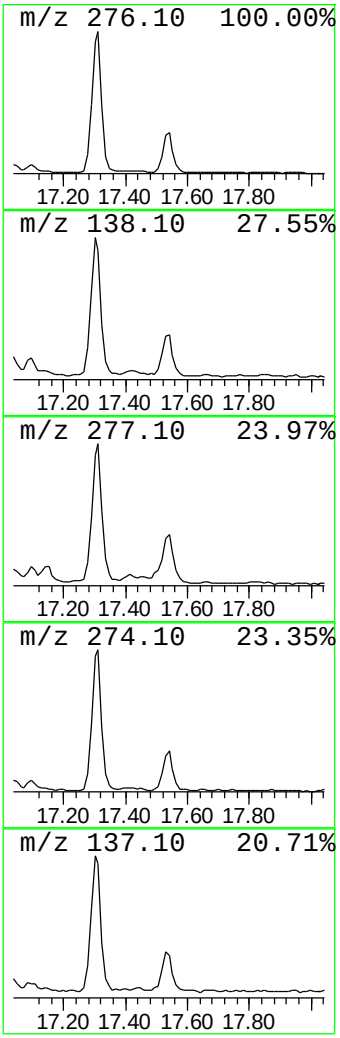
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	12.56 ng	376473	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	43





Tentatively Identified Compound (LSC) summary

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Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

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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
Propane, 2-methyl...	4.99	13.4	ng	573963	1	6.84	859093	20.0
unknown6.61	6.61	38.5	ng	1654650	1	6.84	859093	20.0
1,1'-Biphenyl, 2-...	10.52	2.8	ng	142696	3	9.88	1026200	20.0
Anthracene, 2-met...	11.87	2.5	ng	390903	4	11.37	3179760	20.0
4H-Cyclopenta[def...	11.98	6.4	ng	1010380	4	11.37	3179760	20.0
Phenanthrene, 2,5...	12.42	3.3	ng	520641	4	11.37	3179760	20.0
Pyrene, 1-methyl-	13.04	3.0	ng	551300	5	14.02	3670270	20.0
11H-Benzo[b]fluorene	13.15	5.0	ng	924523	5	14.02	3670270	20.0
Benzo[b]naphtho[2...	13.77	2.6	ng	486369	5	14.02	3670270	20.0
Cyclopenta[cd]pyrene	13.81	3.5	ng	633935	5	14.02	3670270	20.0
11H-Benzo[a]fluor...	13.86	2.5	ng	463229	5	14.02	3670270	20.0
Cyclopenta(cd)pyr...	14.12	2.6	ng	475055	5	14.02	3670270	20.0
1,1'-Binaphthalene	14.89	7.4	ng	220883	6	15.46	599381	20.0
Benzo[e]pyrene	15.35	36.0	ng	1077360	6	15.46	599381	20.0
Dibenzo[def,mno]c...	17.54	12.6	ng	376473	6	15.46	599381	20.0