LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

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-BF090115.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	2.204	50	54	57	rBV	480746	1122365	28.01%	1.429%
2	2.250	57	58	60	rVV	186777	252788	6.31%	0.322%
3	2.341	60	66	69	rVV	785259	1849820	46.16%	2.355%
4	2.410	69	72	75	rVV2	94081	255270	6.37%	0.325%
5	2.490	75	79	83	rVV	558215	1023954	25.55%	1.304%
6	2.604	86	89	93	rVV	172680	382654	9.55%	0.487%
7	2.707	93	98	102	rVV2	741517	1672405	41.73%	2.129%
8	2.776	102	104	109	rVV2	99715	303397	7.57%	0.386%
9	2.856	109	111	120	rVV	96527	319888	7.98%	0.407%
10	3.016	120	125	139	rVB4	118887	430029	10.73%	0.548%
11	4.456	248	251	256	rVV	490337	792285	19.77%	1.009%
12	4.730	273	275	280	rVB	146030	251337	6.27%	0.320%
13	4.810	280	282	288	rBV	166711	399918	9.98%	0.509%
14	4.901	288	290	293	rVB	266216	288253	7.19%	0.367%
15	5.107	304	308	317	rVV2	1534741	3216931	80.28%	4.096%
16	5.244	317	320	323	rVV4	100311	242574	6.05%	0.309%
17	5.942	378	381	384	rVB2	244940	474599	11.84%	0.604%
18	6.033	388	389	391	rBV2	231717	378103	9.44%	0.481%
19	6.067	391	392	396	rVB2	258919	399274	9.96%	0.508%
20	6.124	396	397	400	rVB	217722	213275	5.32%	0.272%
21	6.204	400	404	406	rBV	2658042	4007246	100.00%	5.102%
22	6.239	406	407	411	rVV	1095360	1619709	40.42%	2.062%
23	6.296	411	412	415	rVB2	280994	246729	6.16%	0.314%
24	6.364	415	418	421	rVB2	302052	582442	14.53%	0.742%
25	6.627	438	441	443	rBV	1031443	1374214	34.29%	1.750%
26	6.787	453	455	458	rBV	138976	297955	7.44%	0.379%
27	6.856	458	461	465	rBV3	484518	1116637	27.87%	1.422%
28	6.924	465	467	469	rBV2	753620	915832	22.85%	1.166%
29	7.004	472	474	476	rBV	1169359	1754334	43.78%	2.234%
30	7.050	476	478	480	rVB	1257831	1074495	26.81%	1.368%
31	7.153	485	487	488	rBV	396841	434471	10.84%	0.553%
32	7.187	488	490	491	rBV	270571	238188	5.94%	0.303%
33	7.245	491	495	496	rBV2	2145082	3143932	78.46%	4.003%
34	7.279	496	498	501	rVB	604751	801037	19.99%	1.020%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.347	501	504	507	rVB5	87977	239411	5.97%	0.305%
36	7.416	507	510	511	rBV	1052222	1497173	37.36%	1.906%
37	7.462	511	514	515	rVV	937170	1048149	26.16%	1.334%
38	7.553	518	522	523	rBV2	238492	521137	13.00%	0.664%
39	7.599	523	526	528	rVV3	205601	563442	14.06%	0.717%
40	7.656	528	531	535	rVB4	569260	1123511	28.04%	1.430%
41	7.713	535	536	538	rVB	498766	345560	8.62%	0.440%
42	7.885	548	551	553	rBV	1408179	2006590	50.07%	2.555%
43	7.942	555	556	558	rVV	1623486	1893972	47.26%	2.411%
44	8.067	565	567	568	rBV2	230883	268810	6.71%	0.342%
45	8.125	568	572	573	rBV3	397981	793333	19.80%	1.010%
46	8.170	575	576	577	rBV	247774	244278	6.10%	0.311%
47	8.250	582	583	584	rVB	369519	255404	6.37%	0.325%
48	8.365	591	593	596	rVB2	350801	682494	17.03%	0.869%
49	8.445	598	600	602	rBV	635542	686769	17.14%	0.874%
50	8.479	602	603	604	rVV	319837	221355	5.52%	0.282%
51	8.547	607	609	613	rBV3	598507	1218987	30.42%	1.552%
52	8.662	616	619	621	rVB	816362	853433	21.30%	1.087%
53	8.719	621	624	629	rBV3	929326	1695774	42.32%	2.159%
54	8.810	629	632	633	rBV	561538	668727	16.69%	0.851%
55	8.845	633	635	636	rVB2	547786	665309	16.60%	0.847%
56	8.879	636	638	641	rBV2	212846	296301	7.39%	0.377%
57	9.028	649	651	652	rBV	315774	297550	7.43%	0.379%
58	9.130	658	660	661	rBV	591381	519082	12.95%	0.661%
59	9.256	668	671	673	rBV2	696190	1247757	31.14%	1.589%
60	9.290	673	674	676	rVB	346235	381052	9.51%	0.485%
61	9.370	679	681	682	rBV	1230182	1485715	37.08%	1.892%
62	9.679	706	708	709	rBV2	285552	227309	5.67%	0.289%
63	9.713	709	711	714	rVV3	311597	428456	10.69%	0.546%
64	9.805	717	719	720	rBV	235344	277783	6.93%	0.354%
65	9.862	722	724	726	rVV	1395698	1220331	30.45%	1.554%
66	10.079	740	743	745	rBV2	399667	519380	12.96%	0.661%
67	10.125	745	747	749	rVB	210875	220249	5.50%	0.280%
68	10.285	759	761	764	rBV2	412250	897404	22.39%	1.143%
69	10.331	764	765	768	rVB	1521066	1650493	41.19%	2.101%
70	10.525	780	782	784	rBV2	187046	302501	7.55%	0.385%
71	10.651	792	793	794	rBV	249079	236048	5.89%	0.301%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.776	802	804	805	rBV	1362817	1060213	26.46%	1.350%
73	10.799	805	806	809	rVB	316614	355926	8.88%	0.453%
74	10.868	809	812	813	rBV2	254947	405820	10.13%	0.517%
75	11.199	839	841	844	rVB	1249282	1250298	31.20%	1.592%
76	11.371	853	856	857	rBV2	350763	587053	14.65%	0.747%
77	11.474	863	865	869	rBV2	392299	769952	19.21%	0.980%
78	11.611	875	877	879	rBV	939077	882681	22.03%	1.124%
79	11.931	902	905	909	rBV3	459626	1030983	25.73%	1.313%
80	11.988	909	910	916	rVV2	664515	958009	23.91%	1.220%
81	12.079	916	918	921	rVB2	520981	683836	17.06%	0.871%
82	12.296	935	937	939	rBV	1146491	1203940	30.04%	1.533%
83	12.365	941	943	944	rBV2	362669	499169	12.46%	0.636%
84	12.514	954	956	961	rBV2	263647	444432	11.09%	0.566%
85	12.616	962	965	967	rVB	332660	719260	17.95%	0.916%
86	12.719	969	974	977	rVV2	359954	913143	22.79%	1.163%
87	12.811	981	982	984	rVV	358119	532351	13.28%	0.678%
88	12.845	984	985	987	rVB	545466	435260	10.86%	0.554%
89	13.051	1001	1003	1005	rVB2	198732	261636	6.53%	0.333%
90	13.474	1037	1040	1042	rBV2	724050	1294770	32.31%	1.648%
91	13.508	1042	1043	1047	rVB	661991	678500	16.93%	0.864%
92	13.874	1072	1075	1076	rBV	374104	542709	13.54%	0.691%
93	13.954	1079	1082	1084	rVV4	176786	332414	8.30%	0.423%
94	13.988	1084	1085	1089	rVB2	208639	313804	7.83%	0.400%
95	14.468	1124	1127	1133	rVV	464438	816133	20.37%	1.039%
96	14.697	1145	1147	1149	rVV	404380	482548	12.04%	0.614%
97	14.742	1149	1151	1153	rVV2	306289	390213	9.74%	0.497%
98	14.788	1153	1155	1164	rVB3	191608	582009	14.52%	0.741%
99	15.874	1247	1250	1253	rVB	156088	262907	6.56%	0.335%
100	16.194	1274	1278	1283	rVB	151536	275609	6.88%	0.351%

Sum of corrected areas: 78542947

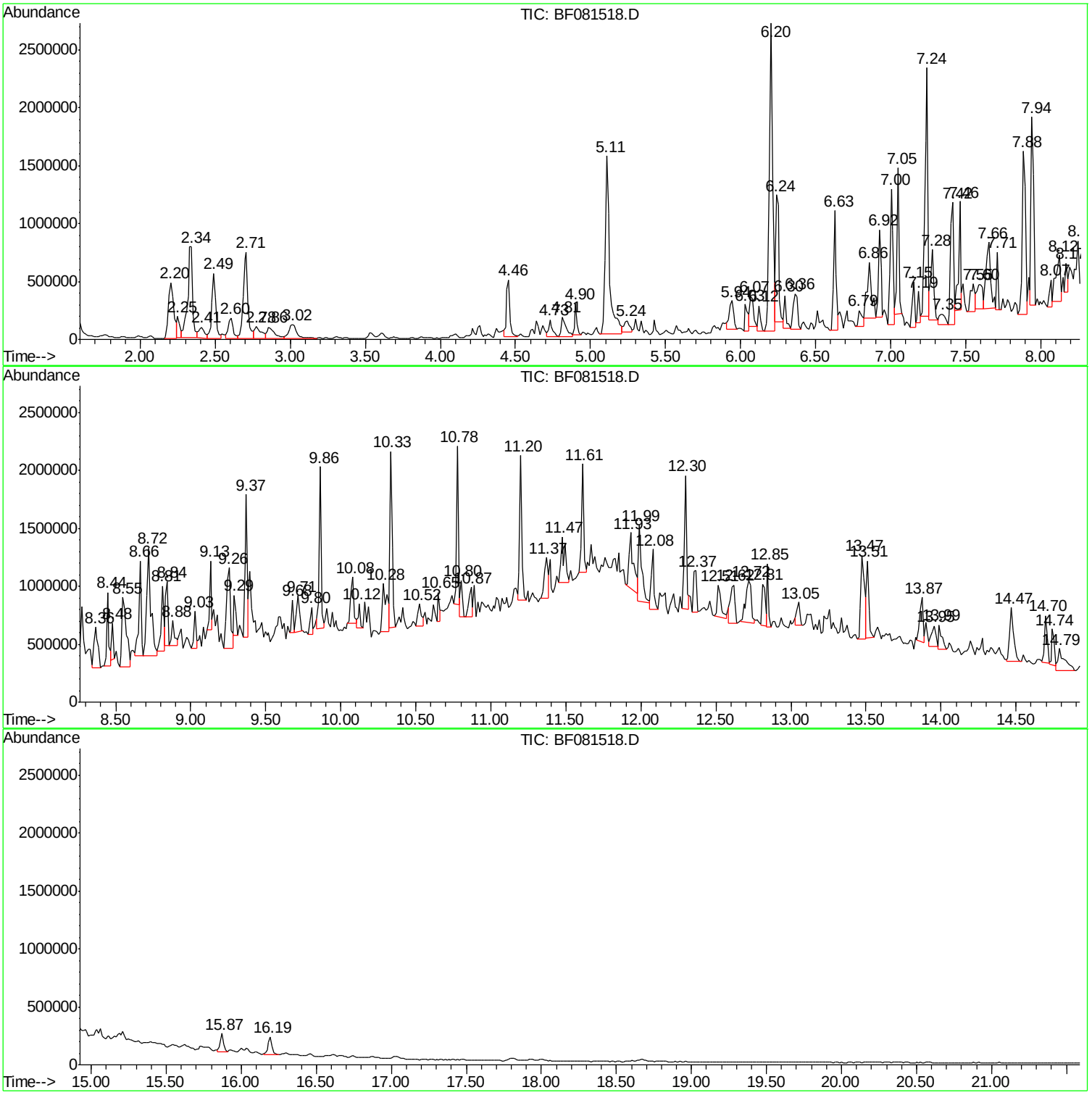
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

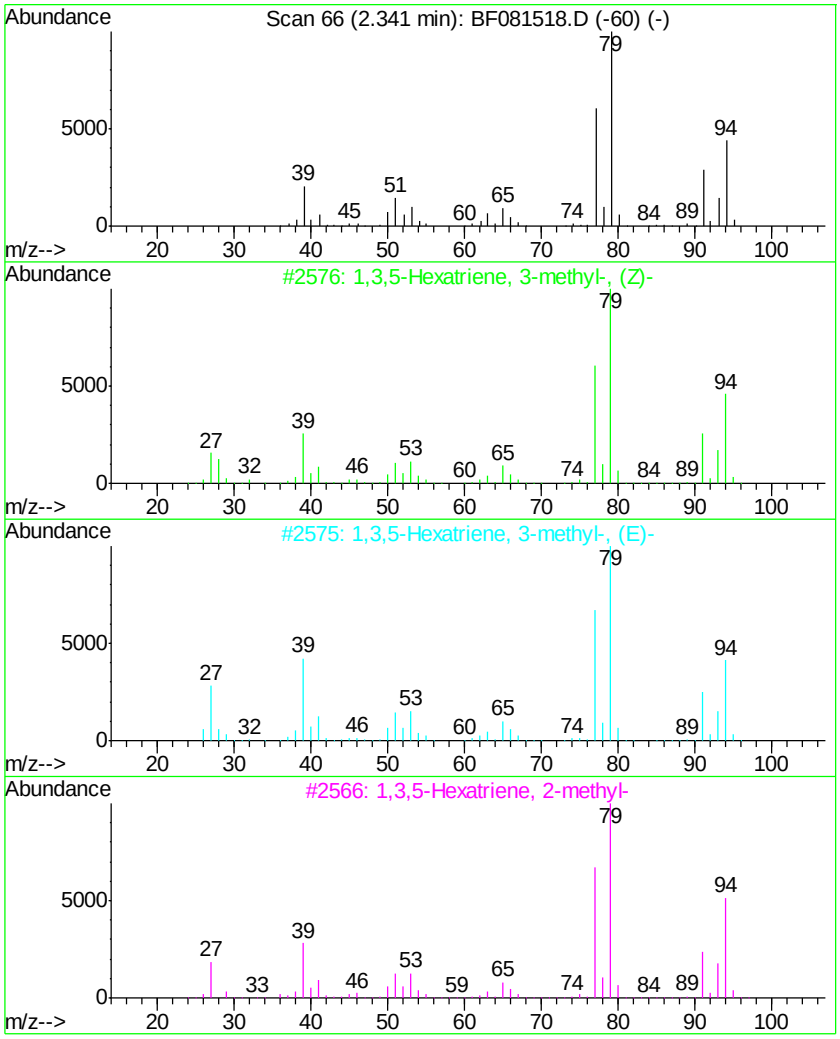
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

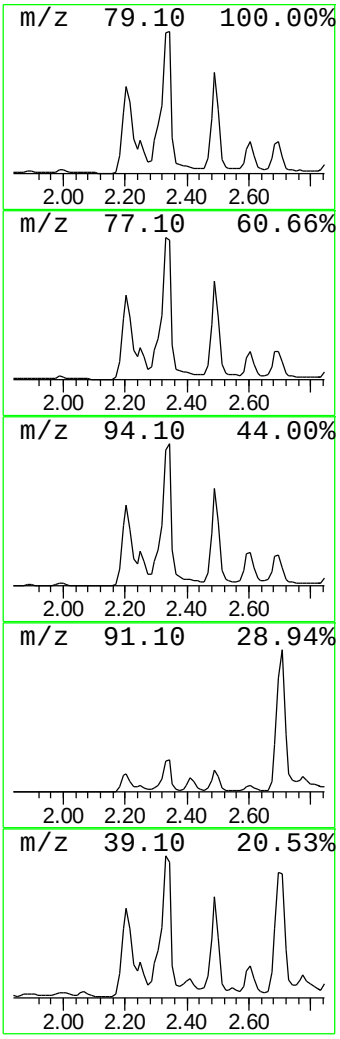
****

Peak Number 1 1,3,5-Hexatriene, 3-methyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.34	63.52 ng	1849820	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	94
2	1,3,5-Hexatriene, 3-methyl-, (E)-	94	C7H10	024587-26-6	94
3	1,3,5-Hexatriene, 2-methyl-	94	C7H10	019264-50-7	94
4	1,4-Cyclohexadiene, 1-methyl-	94	C7H10	004313-57-9	93
5	Bicyclo[4.1.0]hept-2-ene	94	C7H10	002566-57-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

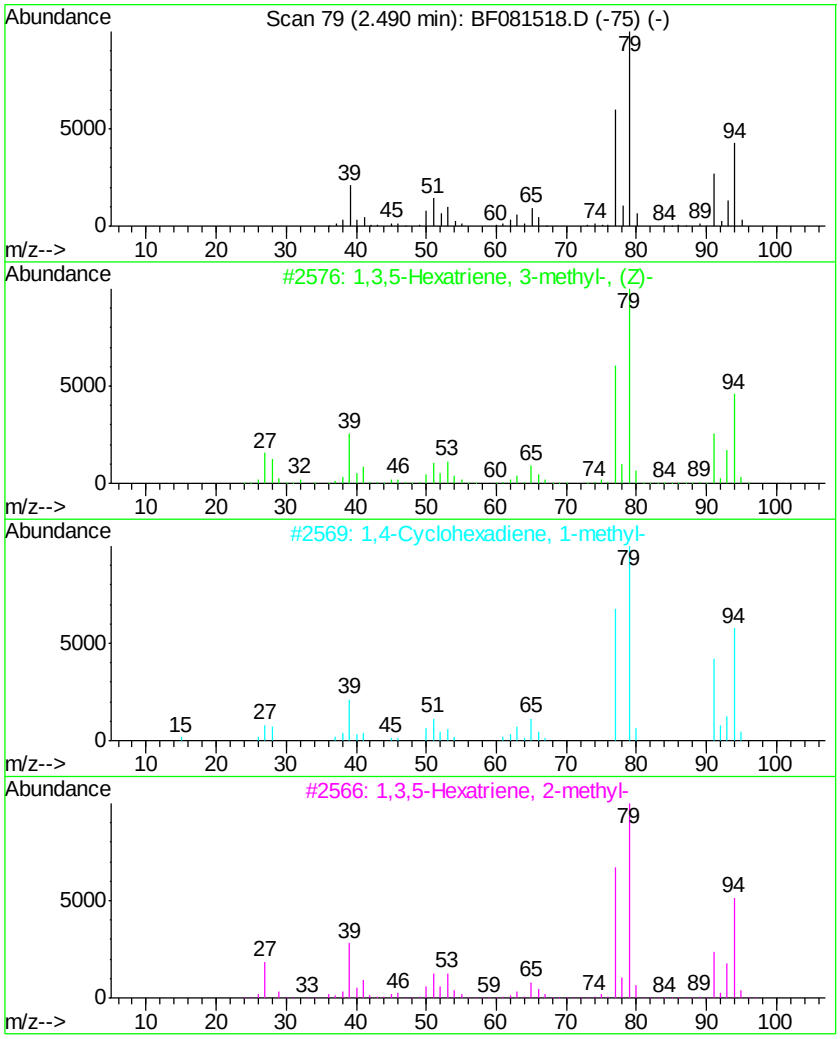
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

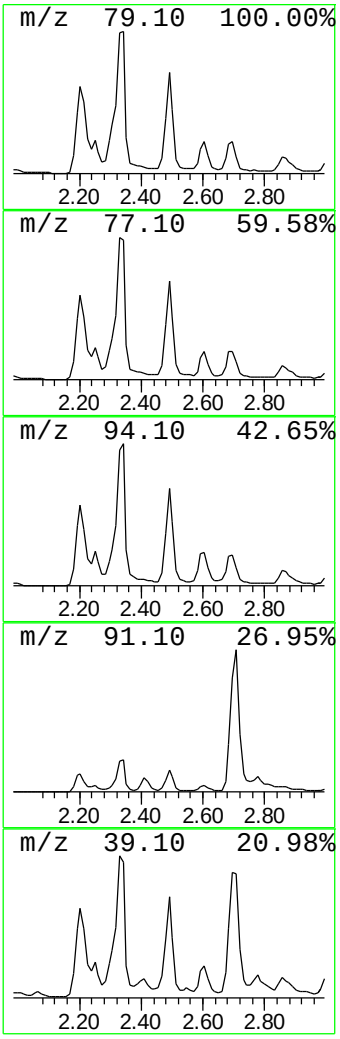
****

Peak Number 2 1,4-Cyclohexadiene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	35.16 ng	1023950	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	95
2	1,4-Cyclohexadiene, 1-methyl-	94	C7H10	004313-57-9	95
3	1,3,5-Hexatriene, 2-methyl-	94	C7H10	019264-50-7	94
4	1,3,5-Hexatriene, 3-methyl-, (E)-	94	C7H10	024587-26-6	94
5	1,3-Cyclopentadiene, 1,2-dimethyl-	94	C7H10	004784-86-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

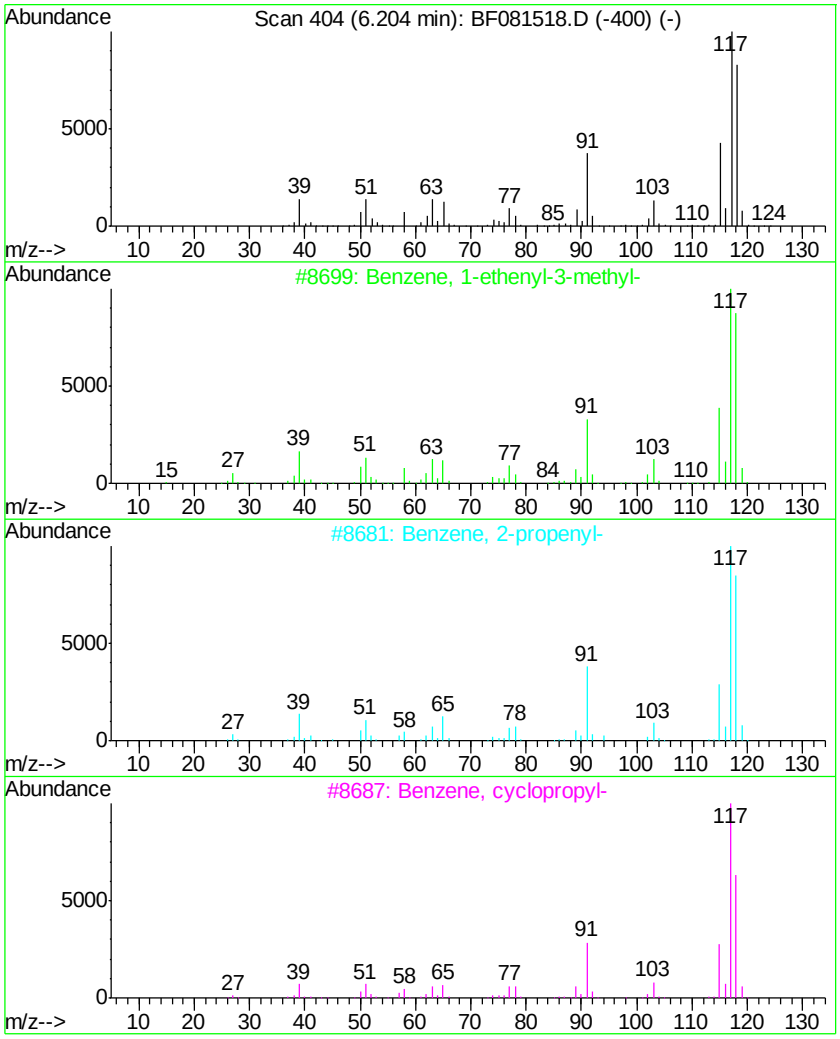
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

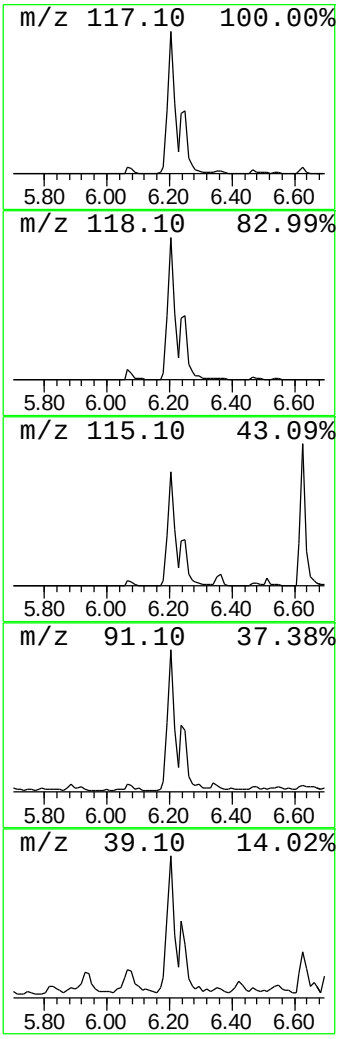
****

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	137.60 ng	4007250	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	97
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

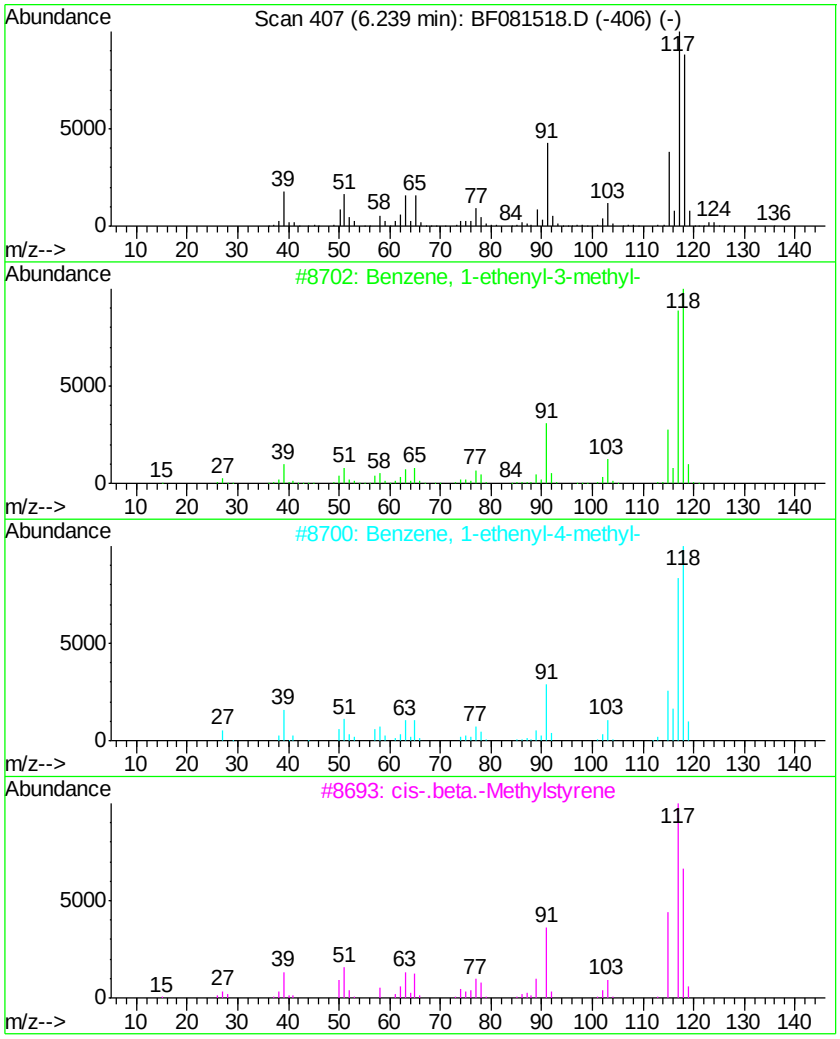
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

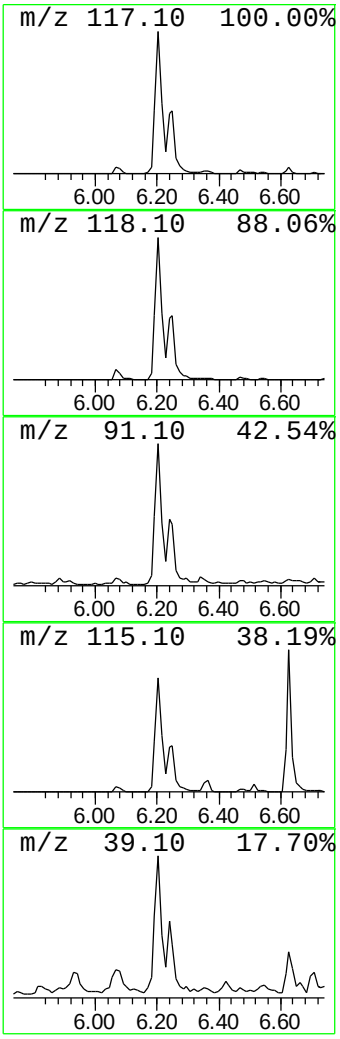
****

Peak Number 6 Benzene, 1-ethenyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	55.62 ng	1619710	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	89
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

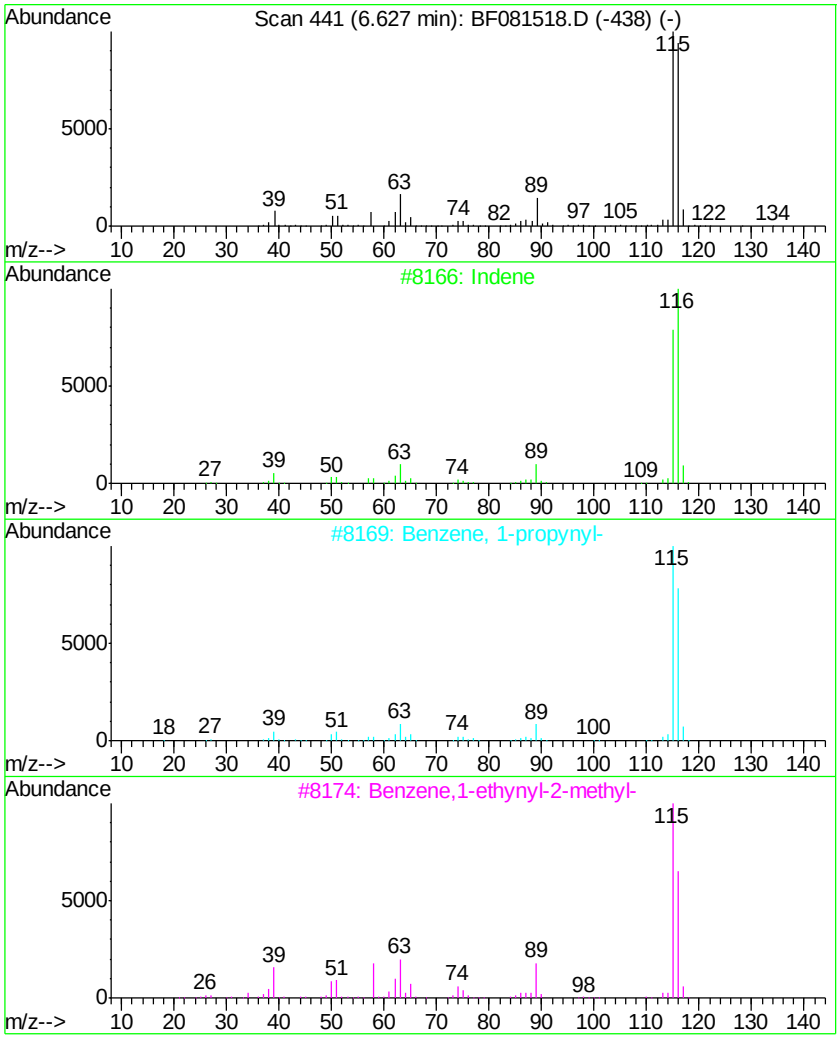
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

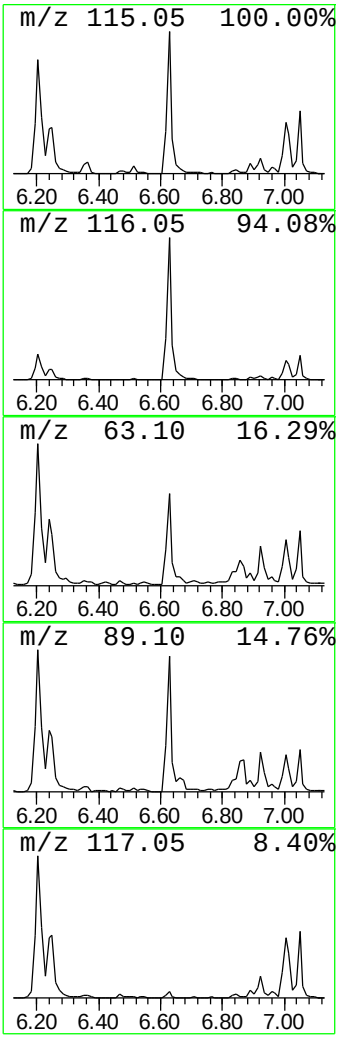
****

Peak Number 7 Indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	47.19 ng	1374210	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86





Library Search Compound Report

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Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

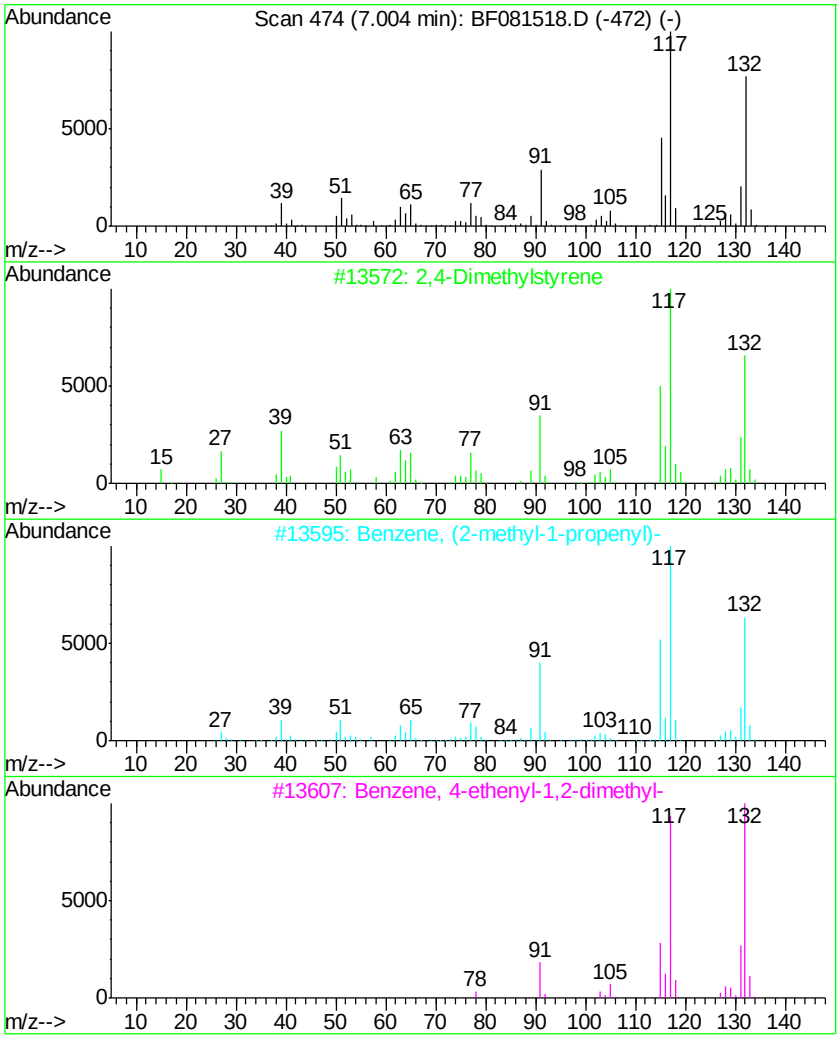
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

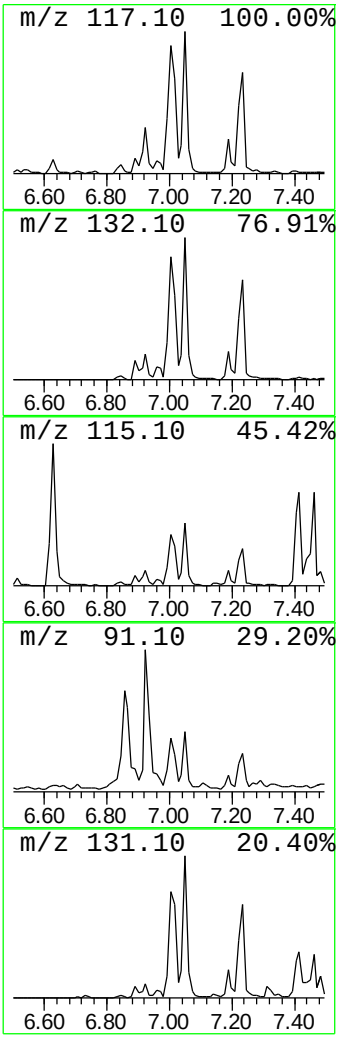
****

Peak Number 8 2,4-Dimethylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	60.24 ng	1754330	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94





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Sample : G3519-02 5X
Misc :
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Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

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

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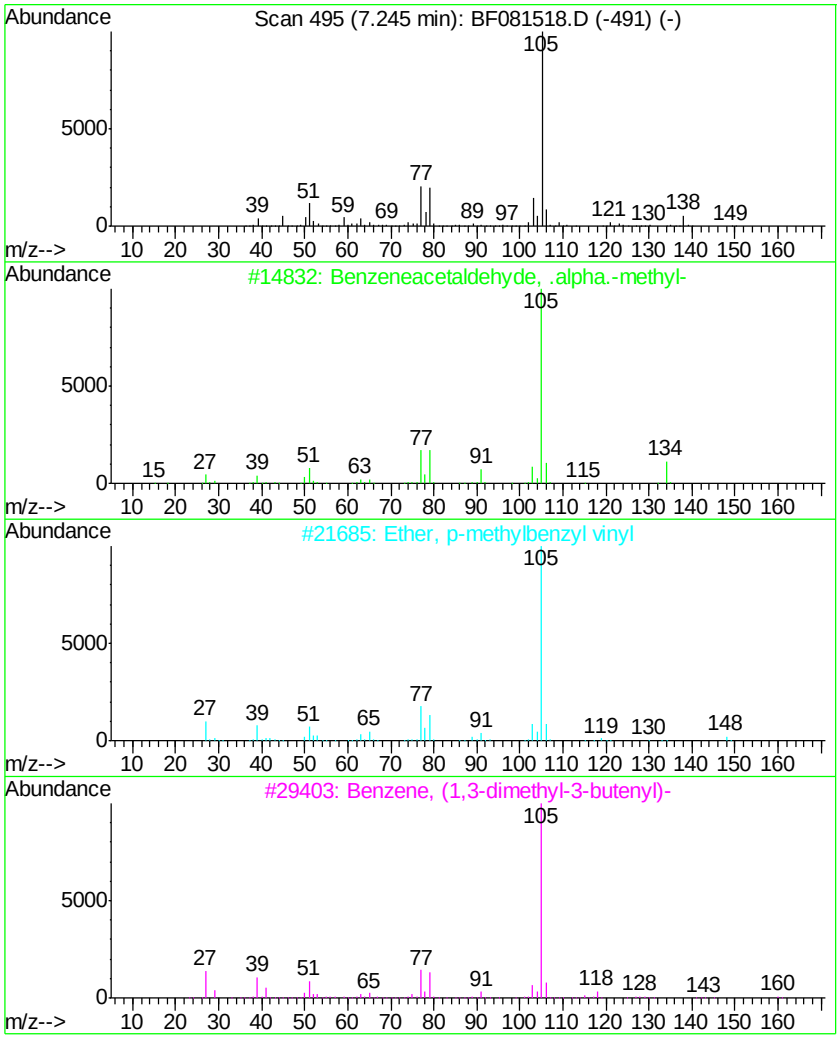
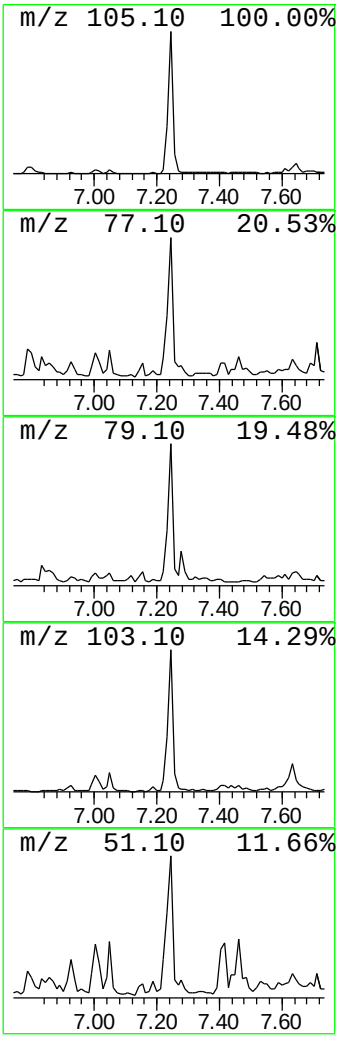
Peak Number 9 Benzeneacetaldehyde, .alpha... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	55.97 ng	3143930	Naphthalene-d8	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
2	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
3	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
4	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	64
5	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	64





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Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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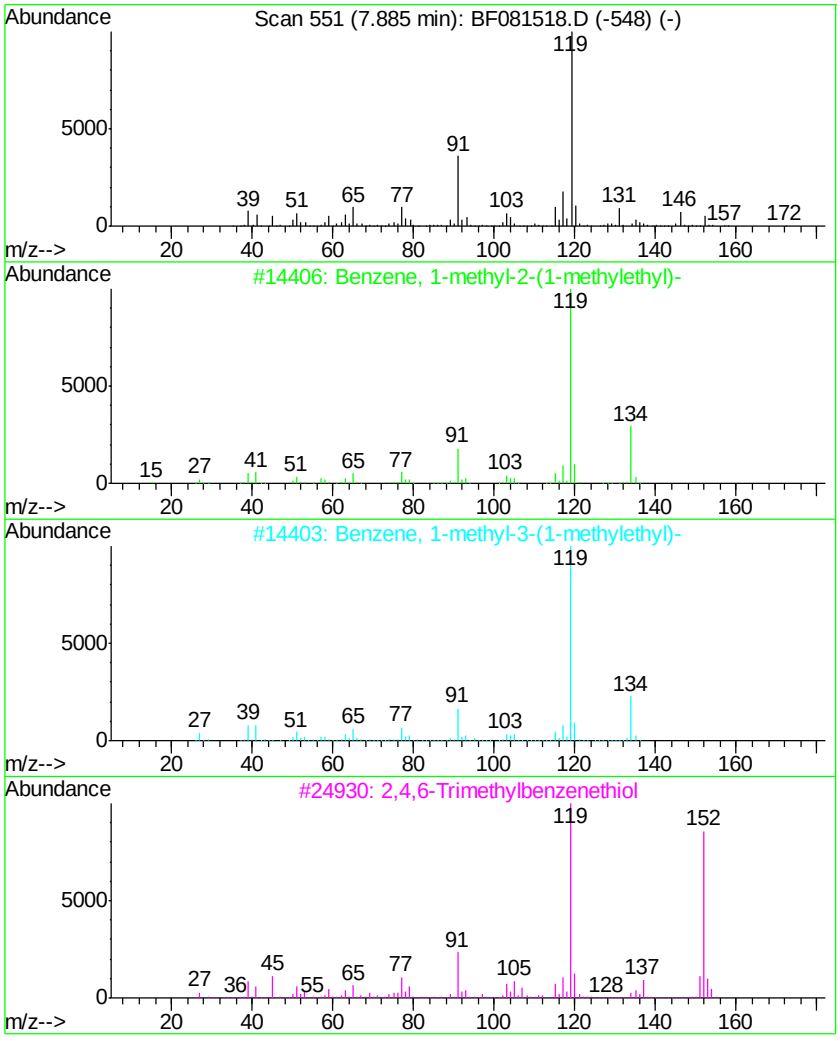
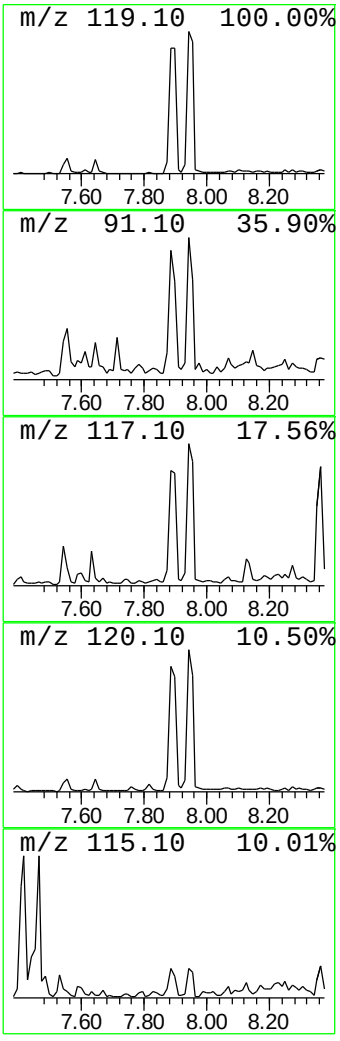
Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	35.72 ng	2006590	Naphthalene-d8	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
3	2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	72
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	72





Library Search Compound Report

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Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

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

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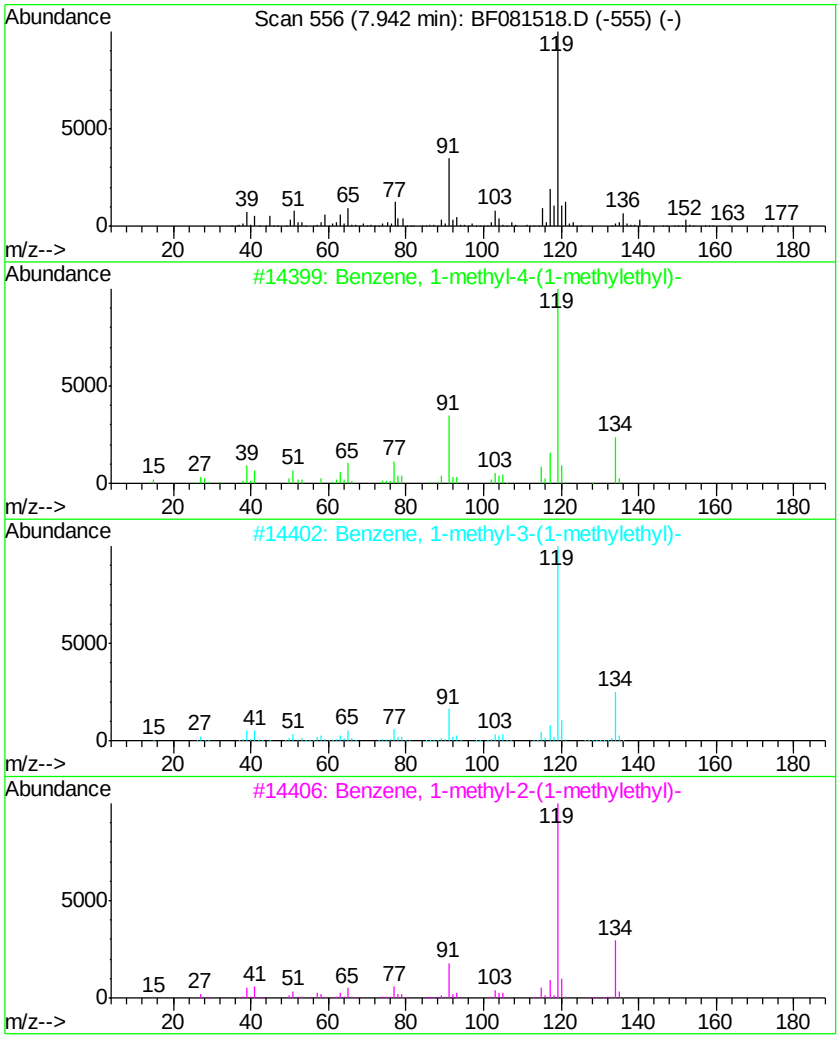
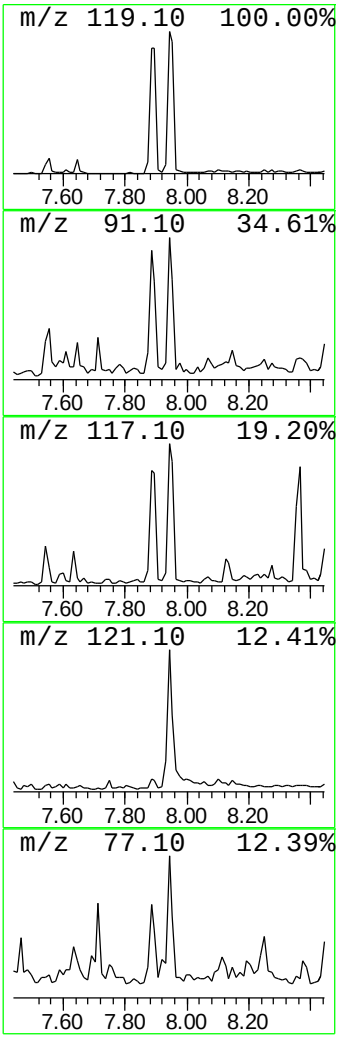
Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	33.72 ng	1893970	Naphthalene-d8	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	72
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	62
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58





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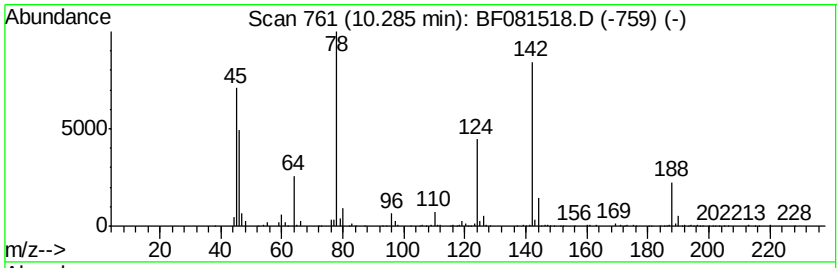
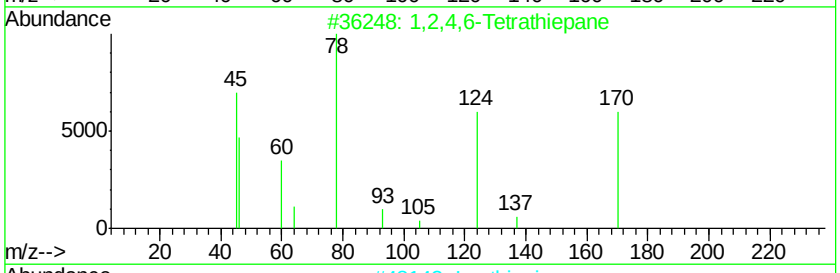
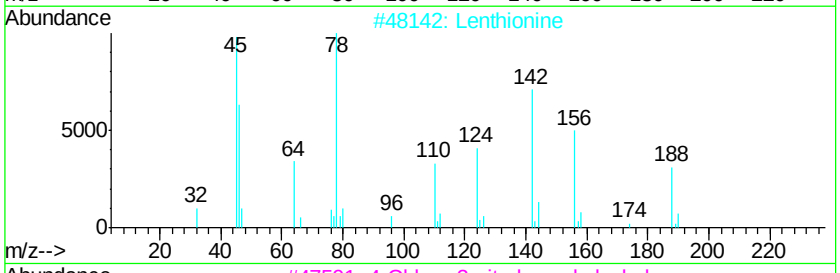
Peak Number 12 unknown10.28 Concentration Rank 14

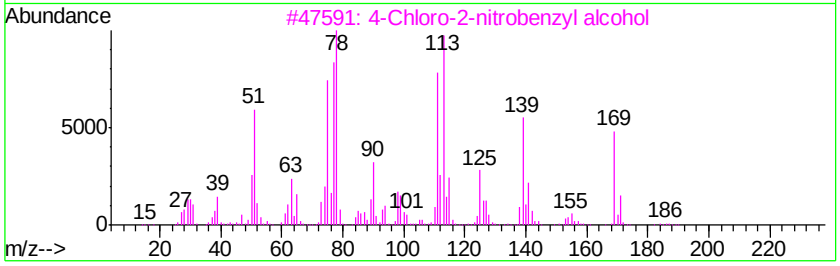
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	44.23 ng	897404	Phenanthrene-d10	10.87

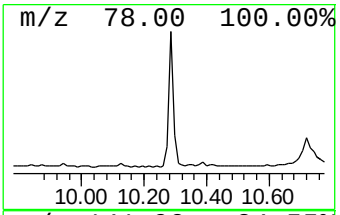
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,6-Tetrathiepane	170	C3H6S4	000292-45-5	45
2	Lenthionine	188	C2H4S5	000292-46-6	42
3	4-Chloro-2-nitrobenzyl alcohol	187	C7H6ClNO3	022996-18-5	37
4	1,2,4-Trithiolane	124	C2H4S3	000289-16-7	14
5	1,2-Benzenedithiol	142	C6H6S2	017534-15-5	9

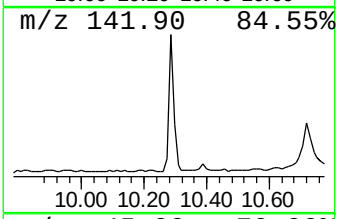


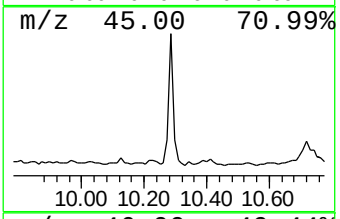


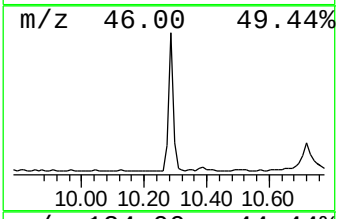


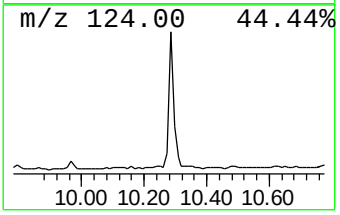












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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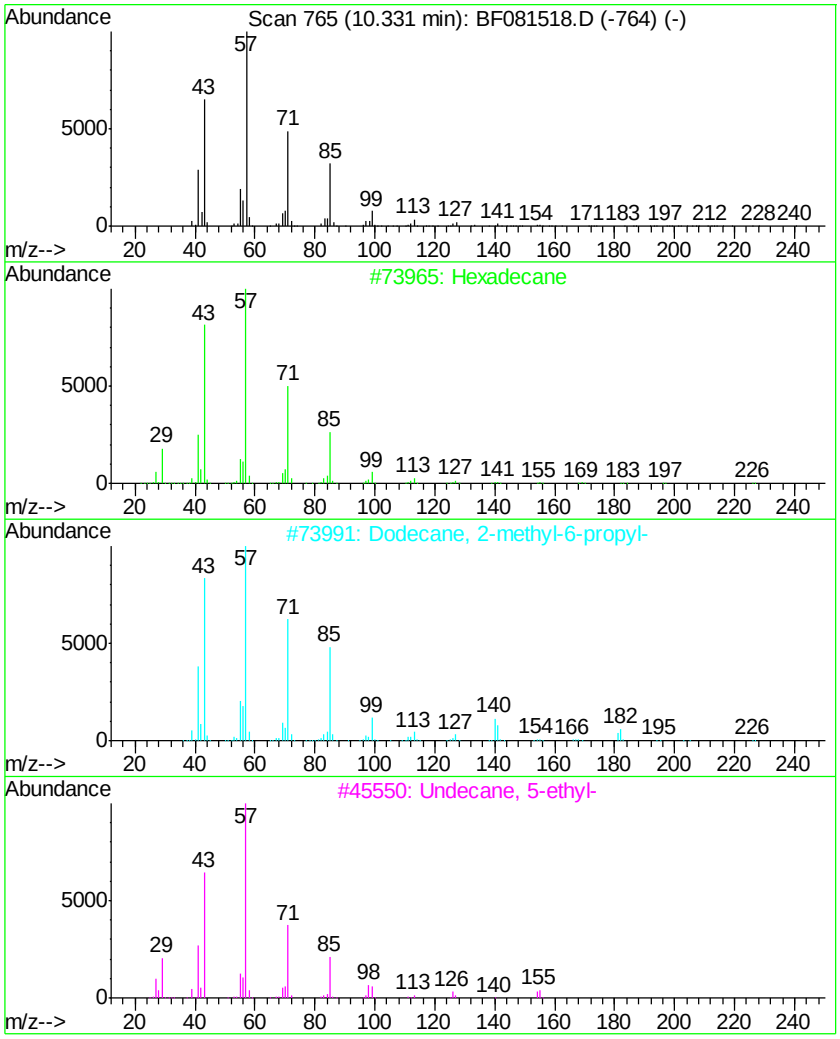
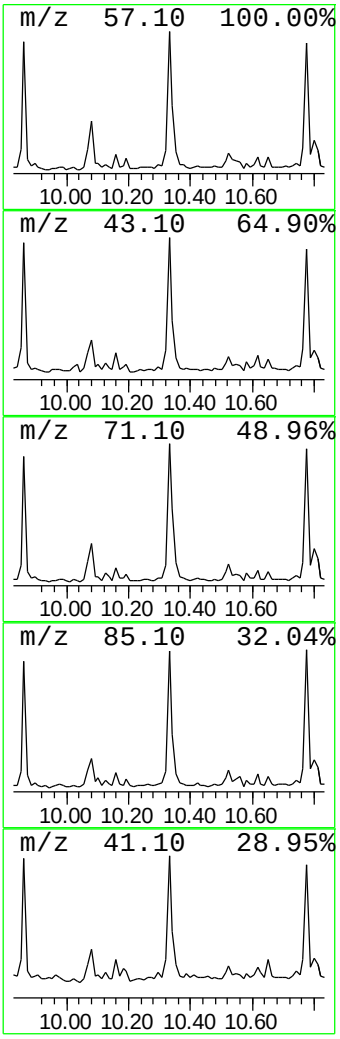
Peak Number 13 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	81.34 ng	1650490	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72





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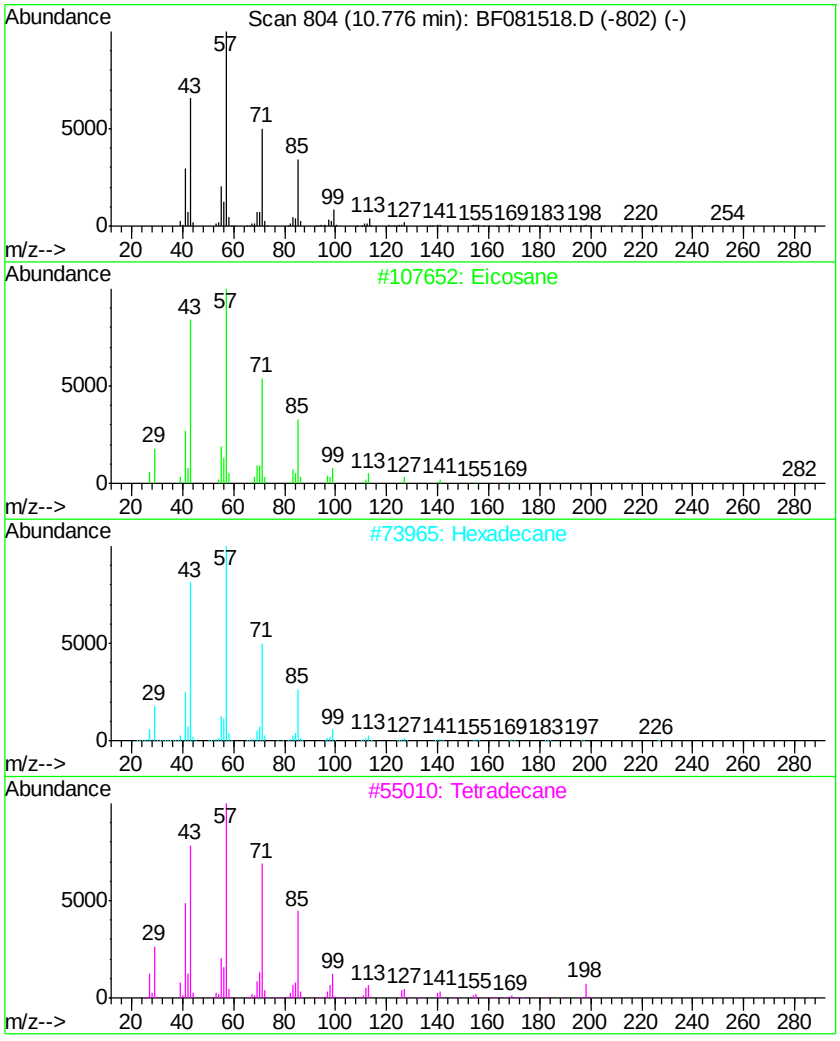
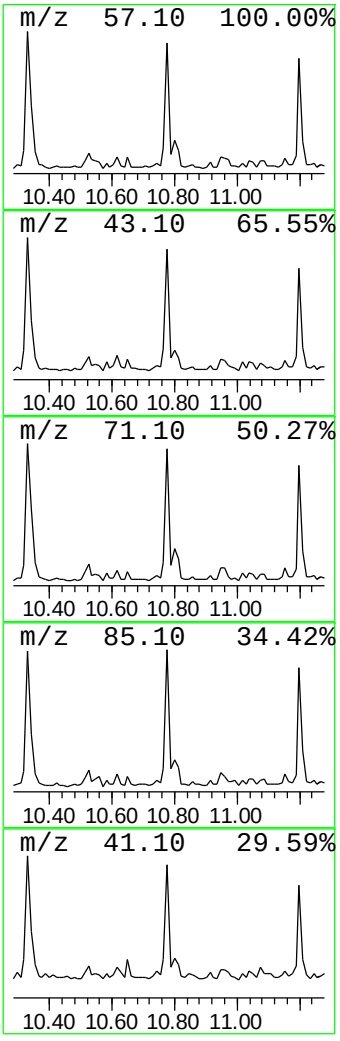
Peak Number 14 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	52.25 ng	1060210	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Decane, 3-methyl-	156	C11H24	013151-34-3	81





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Misc :
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ClientSampleId : MGP208BR-14-15

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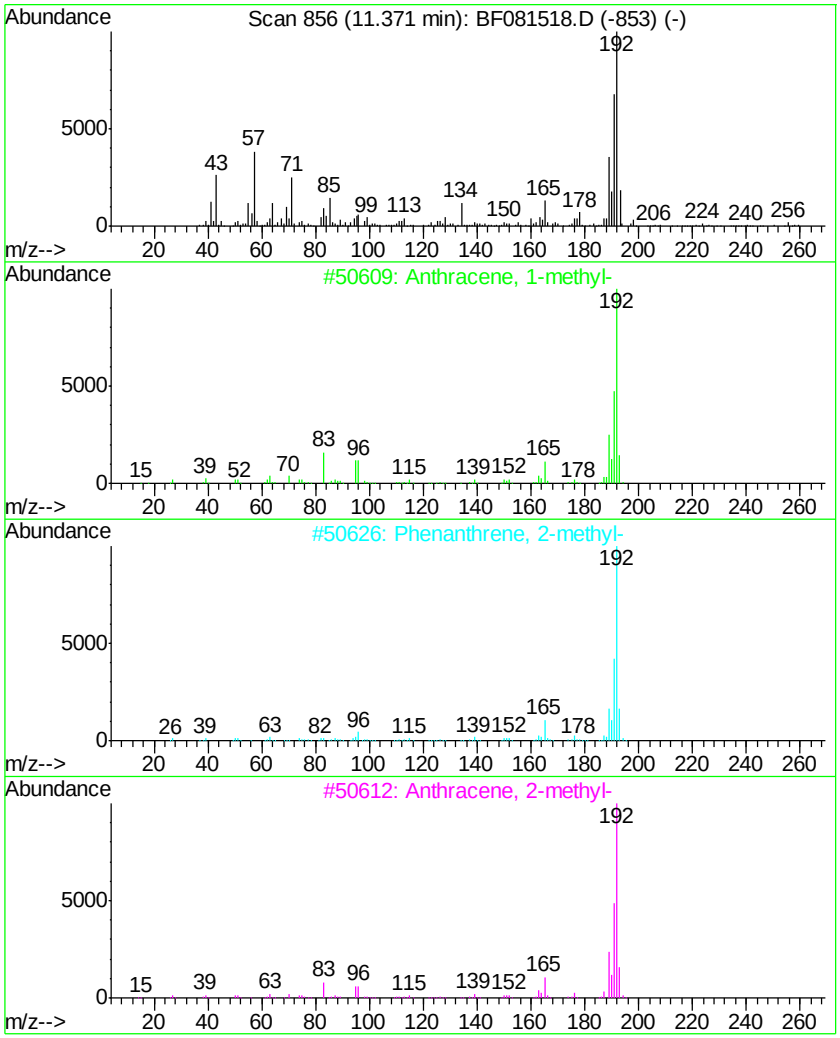
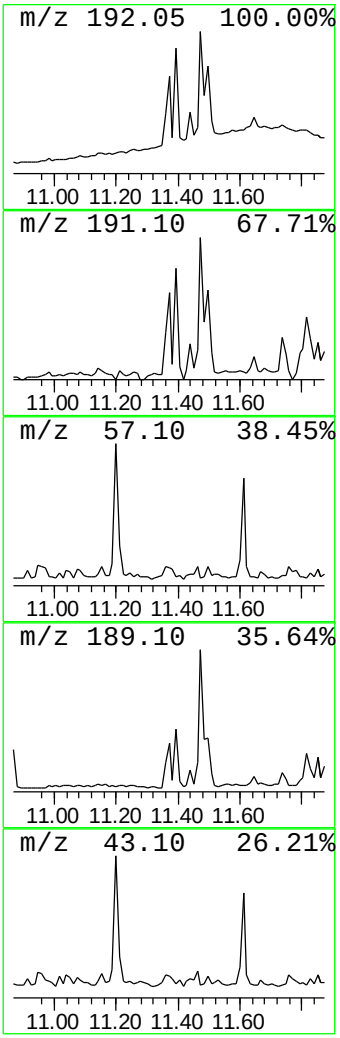
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	28.93 ng	587053	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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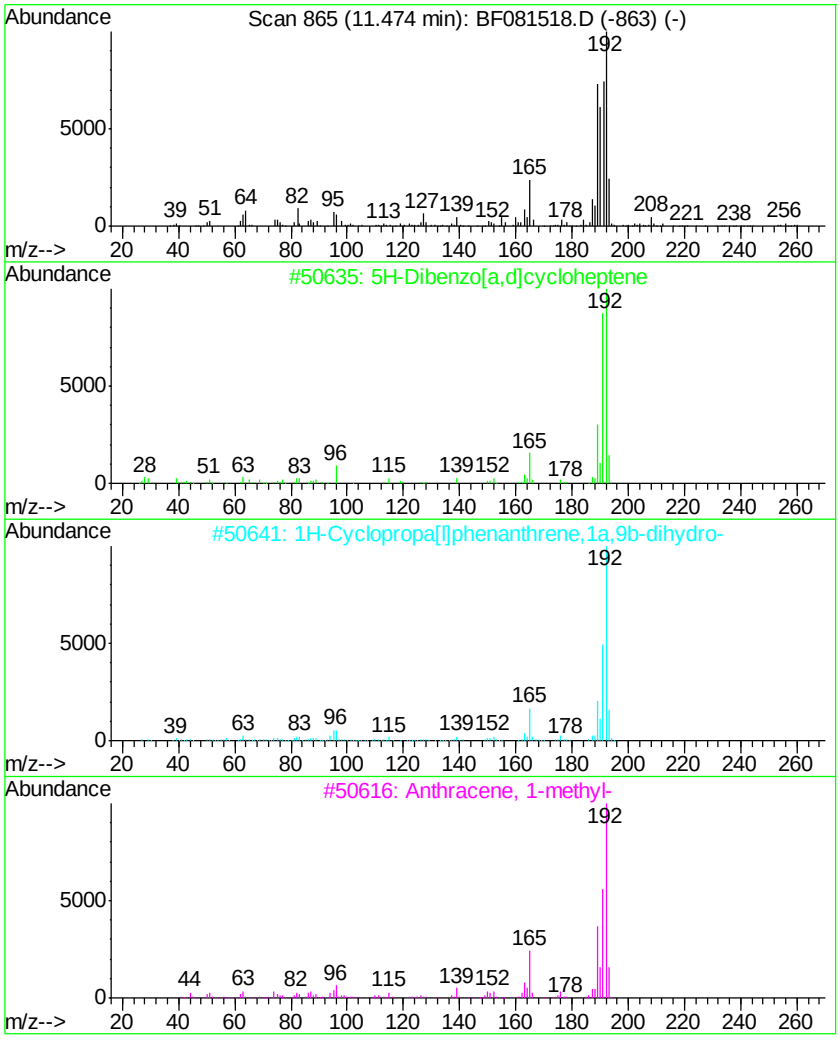
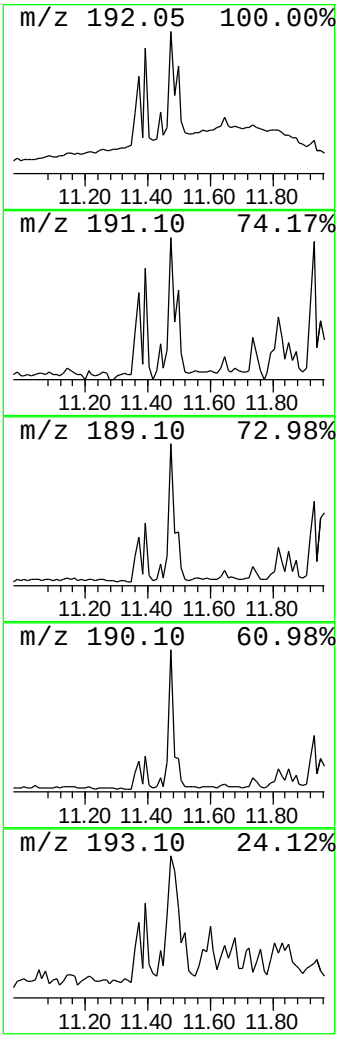
Peak Number 17 5H-Dibenzo[a,d]cycloheptene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	37.95 ng	769952	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	60
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58





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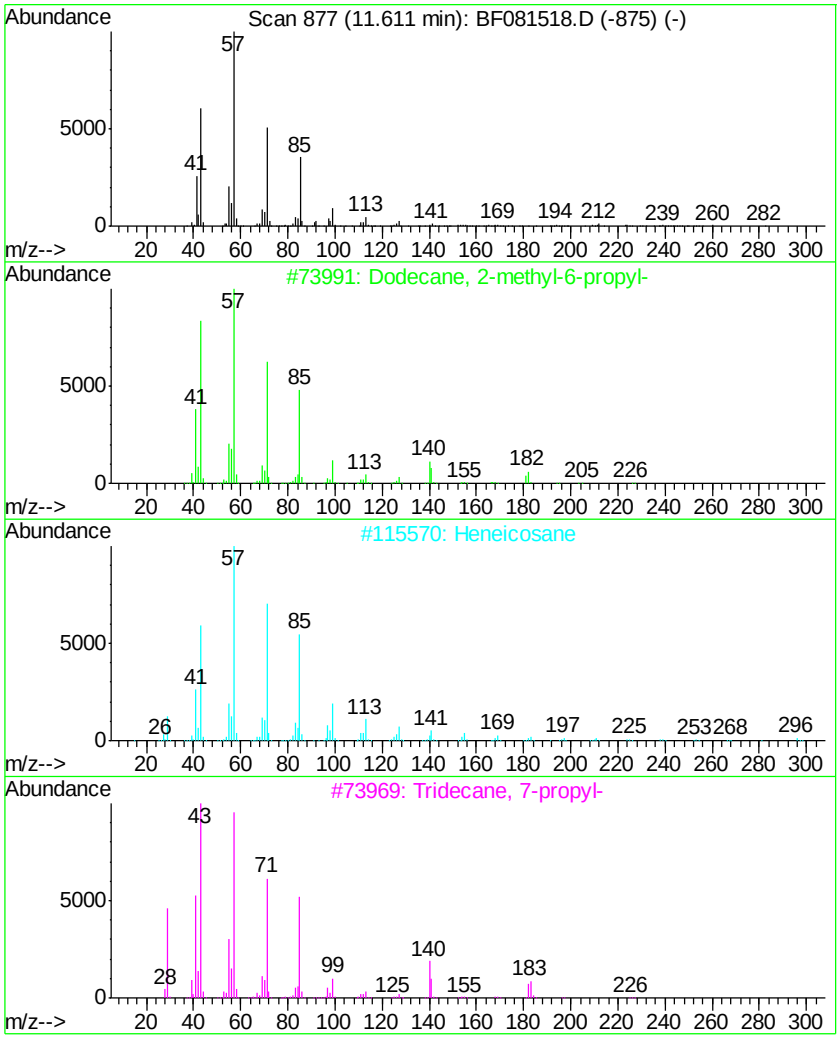
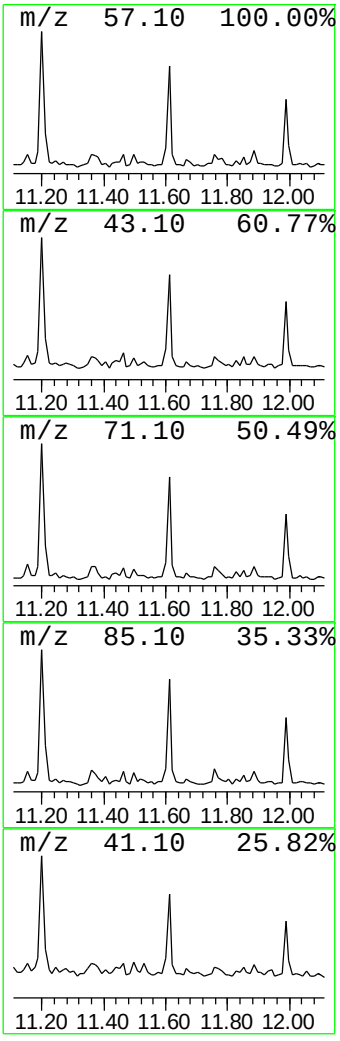
Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	43.50 ng	882681	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	81
4	Tetracosane	338	C24H50	000646-31-1	80
5	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	76





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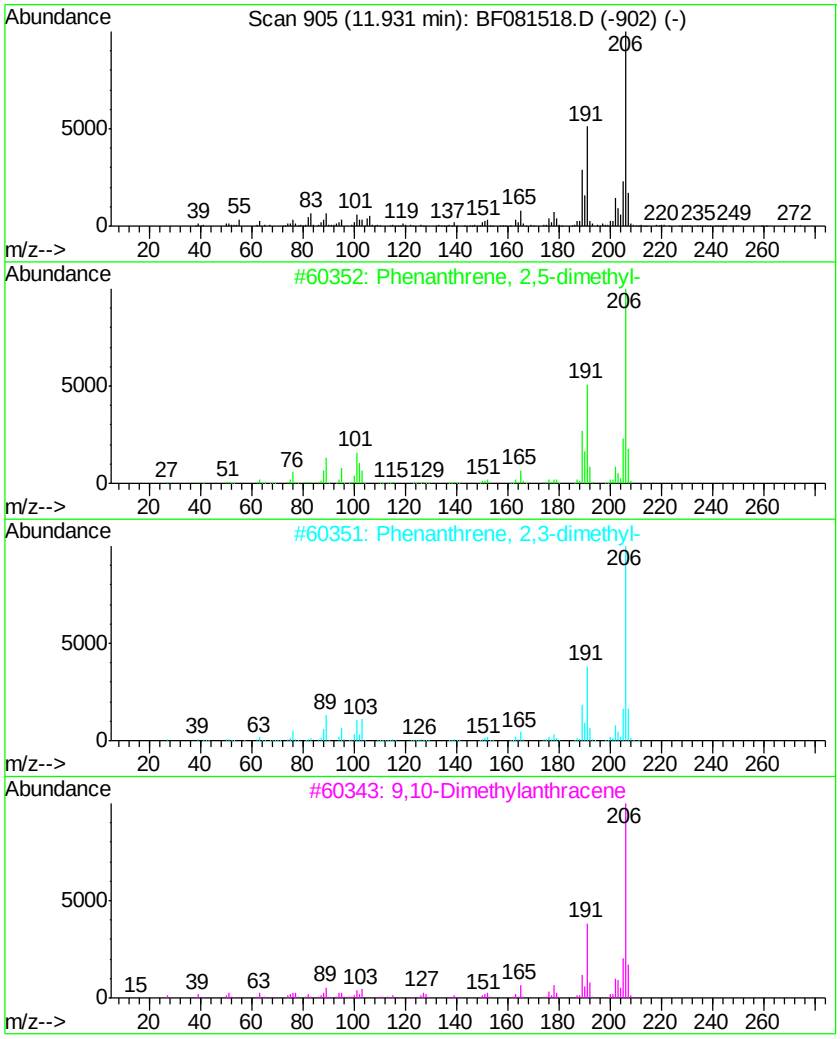
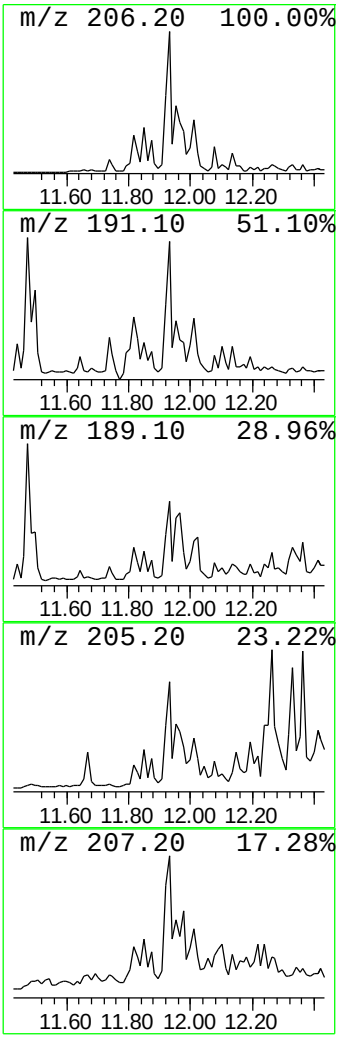
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	50.81 ng	1030980	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081518.D
Acq On : 6 Sep 2015 19:26
Operator : UM/IZ
Sample : G3519-02 5X
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
1,3,5-Hexatriene,...	2.34	63.5	ng	1849820	1	6.36	582442	20.0
1,4-Cyclohexadien...	2.49	35.2	ng	1023950	1	6.36	582442	20.0
Benzene, 1-etheny...	6.20	137.6	ng	4007250	1	6.36	582442	20.0
Benzene, 1-etheny...	6.24	55.6	ng	1619710	1	6.36	582442	20.0
Indene	6.63	47.2	ng	1374210	1	6.36	582442	20.0
2,4-Dimethylstyrene	7.00	60.2	ng	1754330	1	6.36	582442	20.0
Benzeneacetaldehy...	7.24	56.0	ng	3143930	2	7.66	1123510	20.0
Benzene, 1-methyl...	7.88	35.7	ng	2006590	2	7.66	1123510	20.0
Benzene, 1-methyl...	7.94	33.7	ng	1893970	2	7.66	1123510	20.0
unknown10.28	10.28	44.2	ng	897404	4	10.87	405820	20.0
Hexadecane	10.33	81.3	ng	1650490	4	10.87	405820	20.0
Eicosane	10.78	52.3	ng	1060210	4	10.87	405820	20.0
Anthracene, 1-met...	11.37	28.9	ng	587053	4	10.87	405820	20.0
5H-Dibenzo[a,d]cy...	11.47	38.0	ng	769952	4	10.87	405820	20.0
Dodecane, 2-methy...	11.61	43.5	ng	882681	4	10.87	405820	20.0
Phenanthrene, 2,5...	11.93	50.8	ng	1030980	4	10.87	405820	20.0