LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110020.D
Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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	2.287	30	34	48	rVB	247047	354836	14.56%	0.922%
2	3.593	252	256	265	rBV2	14101	37618	1.54%	0.098%
3	4.104	338	343	347	rVB	29370	39917	1.64%	0.104%
4	5.193	525	528	533	rBV	152341	166519	6.83%	0.433%
5	5.398	557	563	570	rBV4	21088	46289	1.90%	0.120%
6	5.463	570	574	577	rBV2	42100	42382	1.74%	0.110%
7	5.581	589	594	598	rBV	2378670	2257577	92.66%	5.869%
8	5.816	631	634	640	rBV4	55375	83140	3.41%	0.216%
9	5.998	657	665	668	rBV3	26557	40542	1.66%	0.105%
10	6.210	697	701	702	rBV	41045	42411	1.74%	0.110%
11	6.404	729	734	736	rBV4	22334	39708	1.63%	0.103%
12	6.492	746	749	752	rBV2	61064	80608	3.31%	0.210%
13	6.587	760	765	769	rVV	2451222	2436283	100.00%	6.334%
14	6.734	786	790	793	rBV	2744102	2264900	92.97%	5.888%
15	6.792	796	800	804	rBV2	152372	156253	6.41%	0.406%
16	6.969	826	830	833	rVB	1570609	1228114	50.41%	3.193%
17	7.122	851	856	859	rBV	2103771	1802497	73.99%	4.686%
18	7.234	872	875	878	rVB2	95330	95526	3.92%	0.248%
19	7.281	881	883	886	rBV2	48919	40638	1.67%	0.106%
20	7.498	914	920	921	rBV3	79838	82010	3.37%	0.213%
21	7.528	921	925	928	rVV	1675873	1427824	58.61%	3.712%
22	7.551	928	929	934	rVV2	66010	53003	2.18%	0.138%
23	7.604	934	938	942	rVB6	30495	49972	2.05%	0.130%
24	7.828	972	976	981	rBV2	73185	109908	4.51%	0.286%
25	7.892	984	987	990	rBV2	32991	40178	1.65%	0.104%
26	7.992	1000	1004	1009	rBV5	57678	104518	4.29%	0.272%
27	8.069	1015	1017	1022	rVB3	37064	42205	1.73%	0.110%
28	8.116	1022	1025	1028	rBV2	38483	42195	1.73%	0.110%
29	8.222	1040	1043	1044	rBV	60099	45404	1.86%	0.118%
30	8.251	1044	1048	1050	rVV	1981705	1574982	64.65%	4.095%
31	8.275	1050	1052	1054	rVV	236440	191416	7.86%	0.498%
32	8.298	1054	1056	1059	rVB2	58669	46537	1.91%	0.121%
33	8.463	1079	1084	1087	rBV2	62101	74793	3.07%	0.194%
34	8.522	1091	1094	1099	rBV	78001	102254	4.20%	0.266%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110020.D
Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.751	1131	1133	1135	rBV3	41006	37575	1.54%	0.098%
36	8.828	1144	1146	1150	rVB	71857	65929	2.71%	0.171%
37	8.963	1166	1169	1172	rBV2	175001	157851	6.48%	0.410%
38	9.063	1183	1186	1189	rVB	82072	68190	2.80%	0.177%
39	9.328	1226	1231	1234	rVB	2749667	2389975	98.10%	6.213%
40	9.398	1240	1243	1246	rBV2	85902	92834	3.81%	0.241%
41	9.586	1270	1275	1279	rBV3	49170	74948	3.08%	0.195%
42	9.628	1279	1282	1285	rVV4	36396	42182	1.73%	0.110%
43	9.663	1285	1288	1291	rVV	62378	69698	2.86%	0.181%
44	9.716	1294	1297	1305	rVB	455011	409583	16.81%	1.065%
45	9.780	1305	1308	1310	rBV2	46930	44112	1.81%	0.115%
46	9.869	1320	1323	1326	rBV	217377	199438	8.19%	0.518%
47	9.922	1329	1332	1335	rVB2	94586	98636	4.05%	0.256%
48	10.010	1344	1347	1350	rVB2	1767168	1463591	60.07%	3.805%
49	10.039	1350	1352	1355	rVB	78911	66909	2.75%	0.174%
50	10.110	1361	1364	1368	rBV4	26965	42982	1.76%	0.112%
51	10.163	1369	1373	1375	rBV5	26389	42616	1.75%	0.111%
52	10.210	1379	1381	1384	rVB2	78137	73396	3.01%	0.191%
53	10.245	1384	1387	1392	rBV2	51588	53722	2.21%	0.140%
54	10.322	1396	1400	1403	rBV4	57036	76334	3.13%	0.198%
55	10.427	1412	1418	1421	rVB3	103186	140227	5.76%	0.365%
56	10.463	1421	1424	1426	rBV2	38721	43263	1.78%	0.112%
57	10.557	1437	1440	1447	rVB2	71066	75808	3.11%	0.197%
58	10.645	1453	1455	1457	rVB	58556	43946	1.80%	0.114%
59	10.798	1477	1481	1485	rVB	1439062	1180031	48.44%	3.068%
60	11.139	1537	1539	1544	rVB3	53904	65239	2.68%	0.170%
61	11.257	1557	1559	1564	rVB3	48614	44209	1.81%	0.115%
62	11.310	1564	1568	1571	rVB3	66063	85417	3.51%	0.222%
63	11.351	1571	1575	1577	rBV2	108323	112012	4.60%	0.291%
64	11.380	1577	1580	1581	rBV2	45766	43442	1.78%	0.113%
65	11.433	1586	1589	1594	rBV2	42515	58165	2.39%	0.151%
66	11.504	1597	1601	1603	rBV	1500174	1408751	57.82%	3.662%
67	11.527	1603	1605	1610	rVV	803456	677858	27.82%	1.762%
68	11.574	1610	1613	1616	rVV2	231934	227781	9.35%	0.592%
69	11.610	1616	1619	1623	rVB4	53908	80167	3.29%	0.208%
70	11.710	1632	1636	1638	rBV2	95592	132258	5.43%	0.344%
71	11.774	1645	1647	1649	rBV2	63070	58074	2.38%	0.151%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.798	1649	1651	1655	rVB2	95171	84948	3.49%	0.221%
73	11.874	1661	1664	1667	rBV2	126687	153407	6.30%	0.399%
74	11.951	1674	1677	1679	rBV2	49804	50557	2.08%	0.131%
75	12.010	1683	1687	1689	rBV3	276879	326361	13.40%	0.848%
76	12.027	1689	1690	1696	rVV3	207558	192093	7.88%	0.499%
77	12.074	1696	1698	1702	rVV	69394	69330	2.85%	0.180%
78	12.121	1702	1706	1714	rVB3	236397	401213	16.47%	1.043%
79	12.186	1714	1717	1719	rBV	75804	65159	2.67%	0.169%
80	12.292	1732	1735	1738	rBV2	330199	318156	13.06%	0.827%
81	12.321	1738	1740	1743	rVB3	90799	79228	3.25%	0.206%
82	12.551	1776	1779	1781	rBV	123824	111761	4.59%	0.291%
83	12.574	1781	1783	1785	rBV	52482	52983	2.17%	0.138%
84	12.639	1792	1794	1799	rVB3	97771	101494	4.17%	0.264%
85	12.721	1804	1808	1811	rBV	1342986	1231065	50.53%	3.200%
86	12.951	1840	1847	1850	rBV	1509792	1615550	66.31%	4.200%
87	13.086	1866	1870	1873	rBV	1785242	1488336	61.09%	3.869%
88	13.274	1899	1902	1905	rVB	212086	190607	7.82%	0.496%
89	13.304	1905	1907	1909	rBV	125317	88148	3.62%	0.229%
90	13.339	1911	1913	1916	rVV	116700	93458	3.84%	0.243%
91	13.380	1917	1920	1922	rVB2	153367	158663	6.51%	0.412%
92	13.645	1963	1965	1967	rBV	132686	103191	4.24%	0.268%
93	14.145	2046	2050	2053	rBV2	1368399	1846903	75.81%	4.801%
94	14.174	2053	2055	2061	rVB	752300	621032	25.49%	1.615%
95	15.221	2229	2233	2236	rBV	537457	782170	32.11%	2.033%
96	15.545	2284	2288	2293	rVB	348267	479965	19.70%	1.248%
97	15.609	2295	2299	2305	rVB	512641	665901	27.33%	1.731%
98	15.674	2306	2310	2314	rBV2	745301	1004999	41.25%	2.613%
99	17.233	2571	2575	2583	rVB2	227123	441096	18.11%	1.147%
100	17.709	2651	2656	2663	rVB	183240	357540	14.68%	0.930%

Sum of corrected areas: 38465420

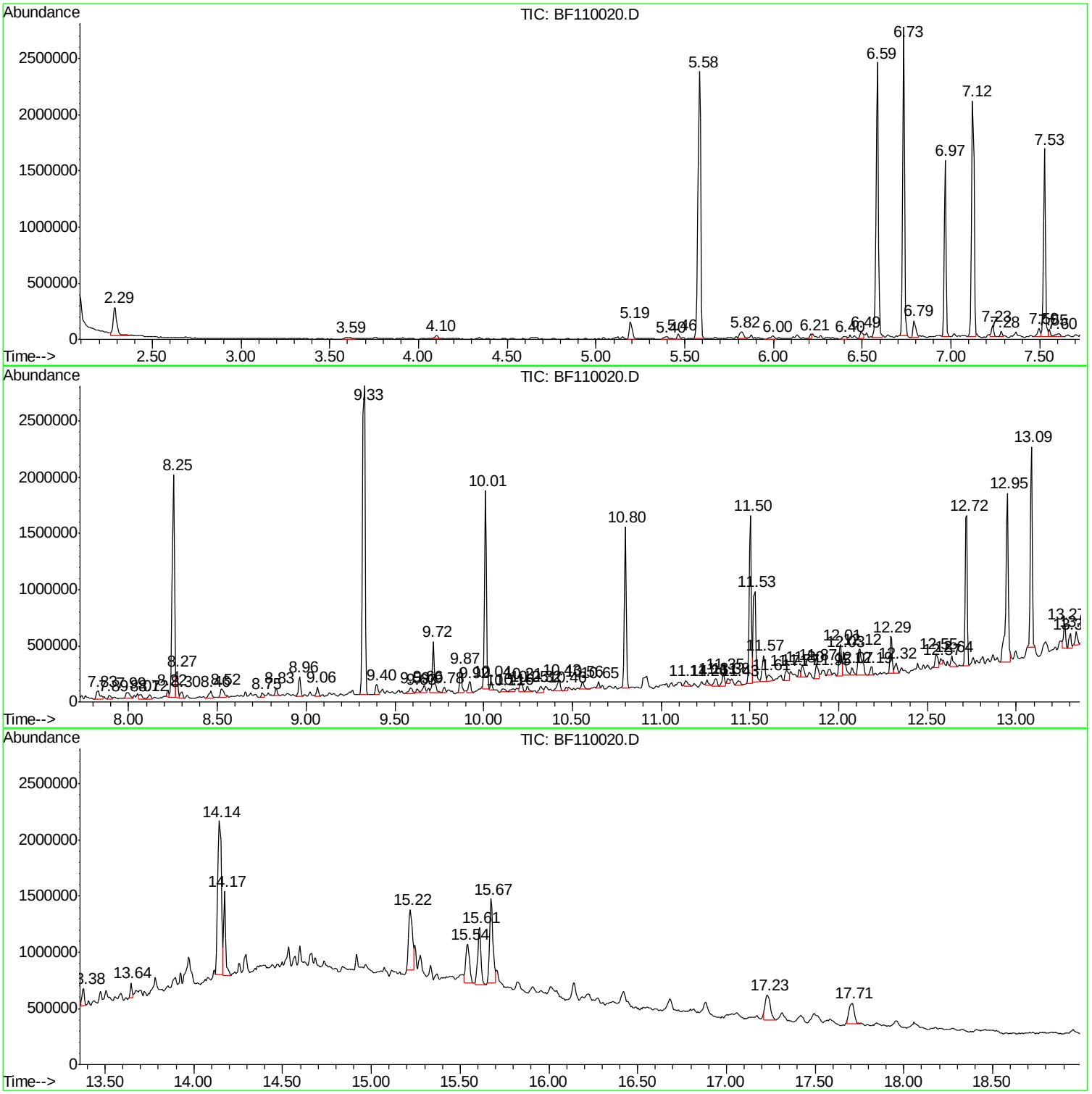
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110020.D
Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110020.D
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Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

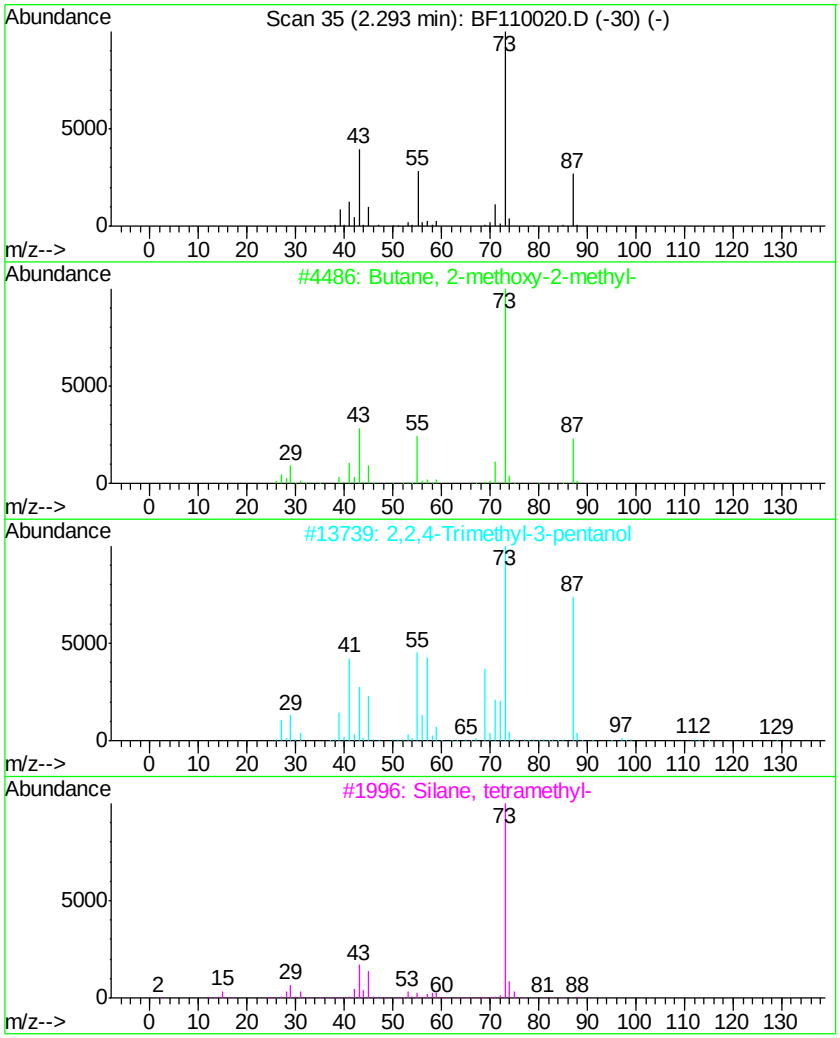
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

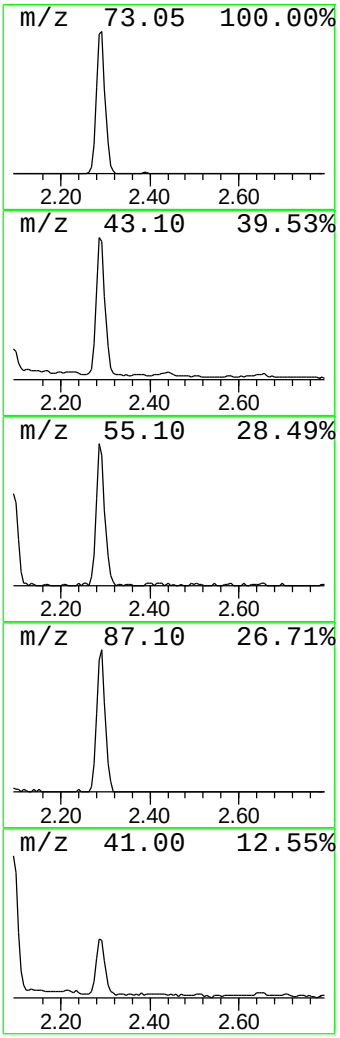
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	5.78 ng	354836	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
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Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

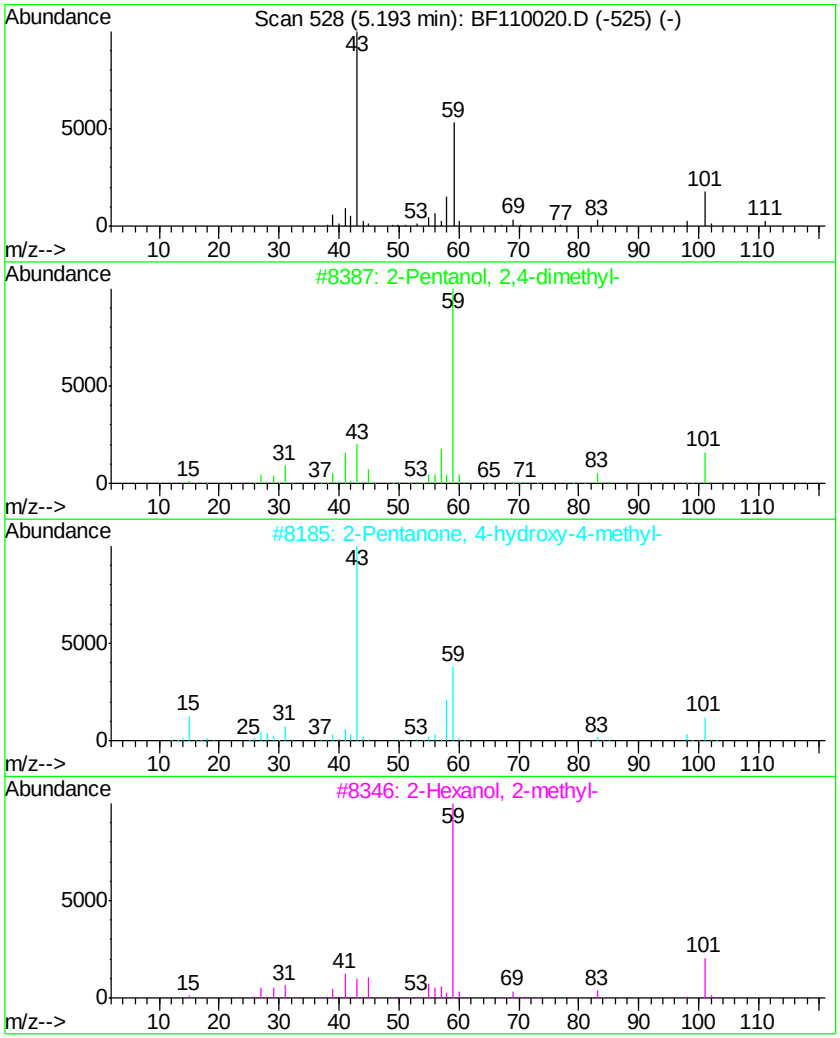
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

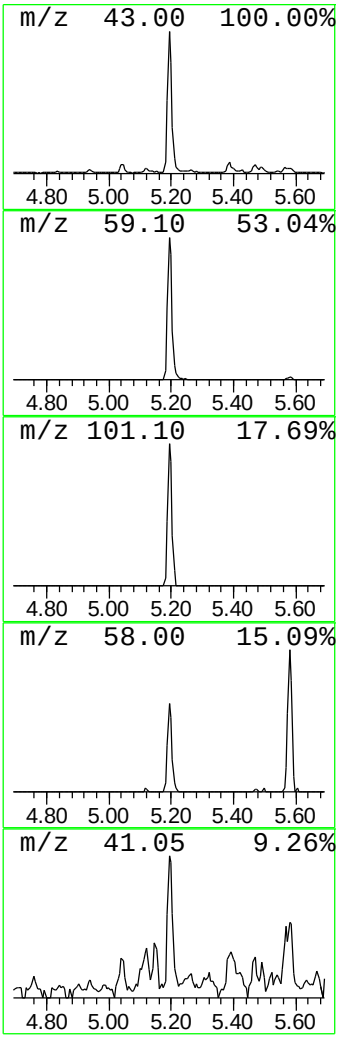
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.71 ng	166519	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
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TIC Library : C:\DATABASE\NIST11.L
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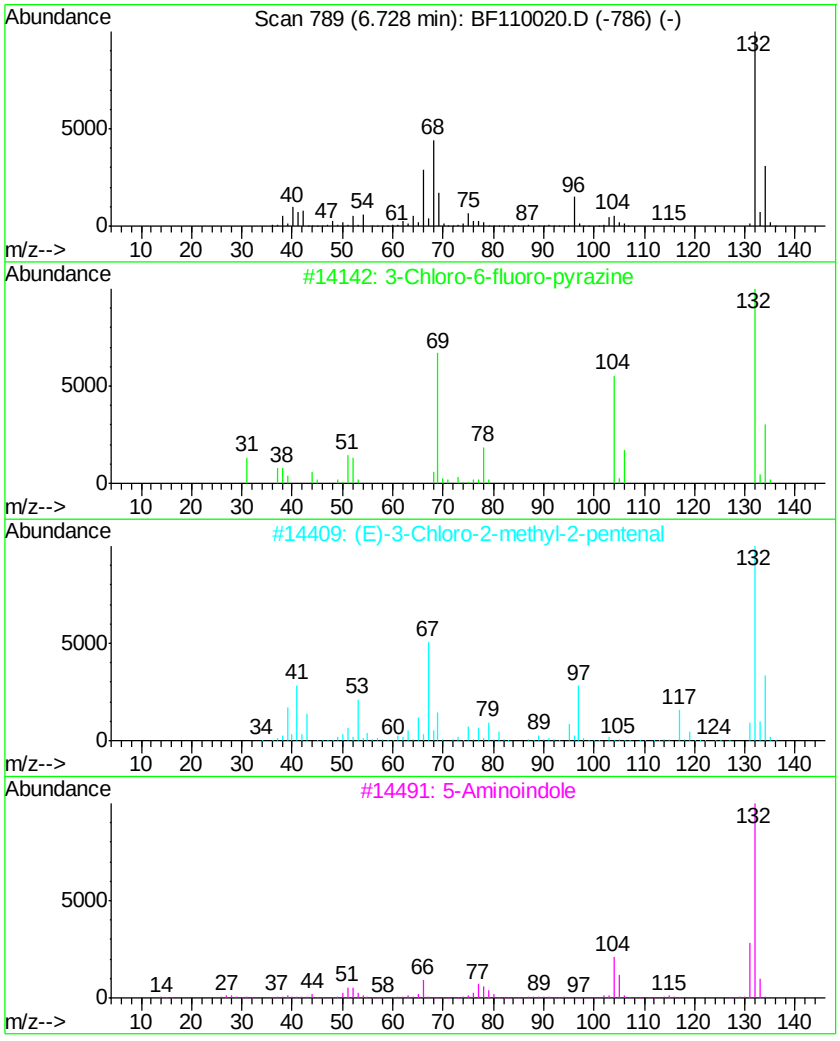
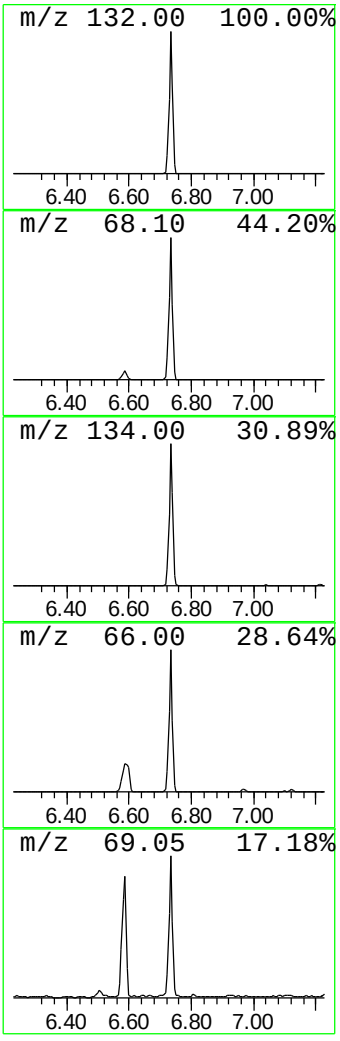
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	36.88 ng	2264900	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

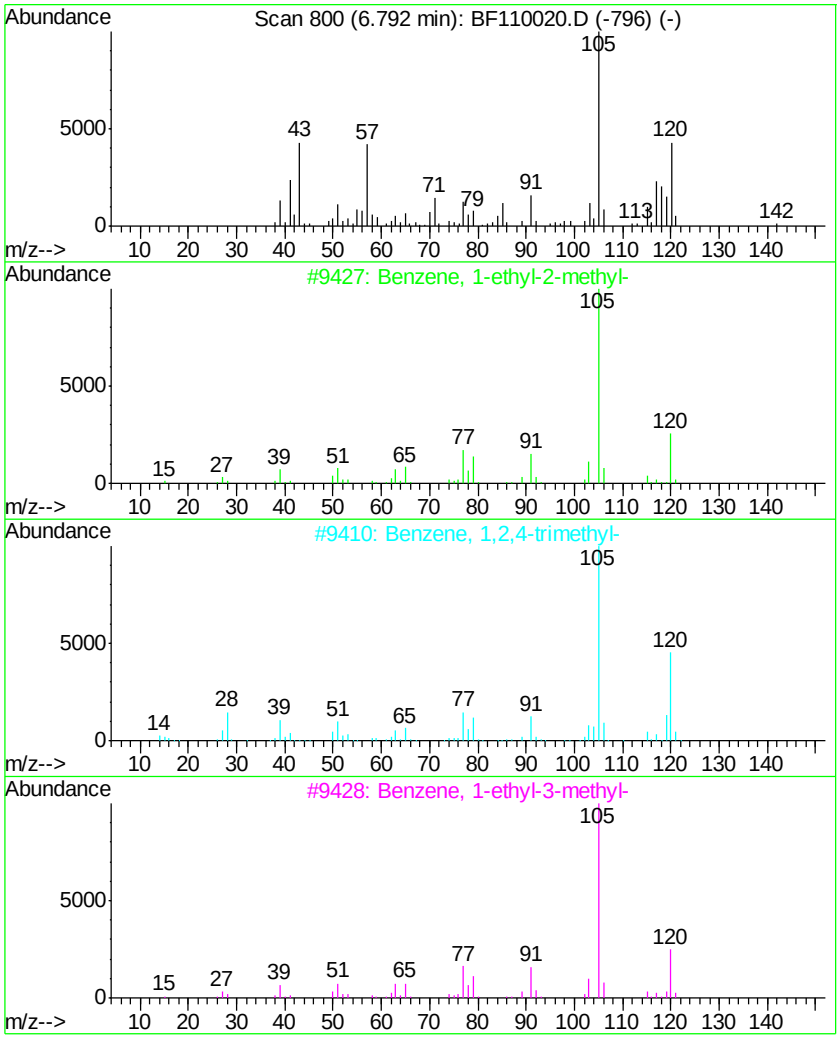
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

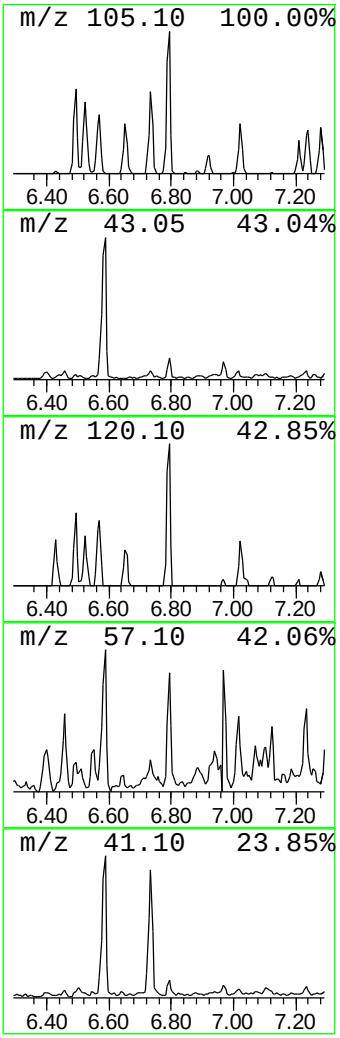
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.54 ng	156253	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
5	Mesitylene	120	C9H12	000108-67-8	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110020.D
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Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

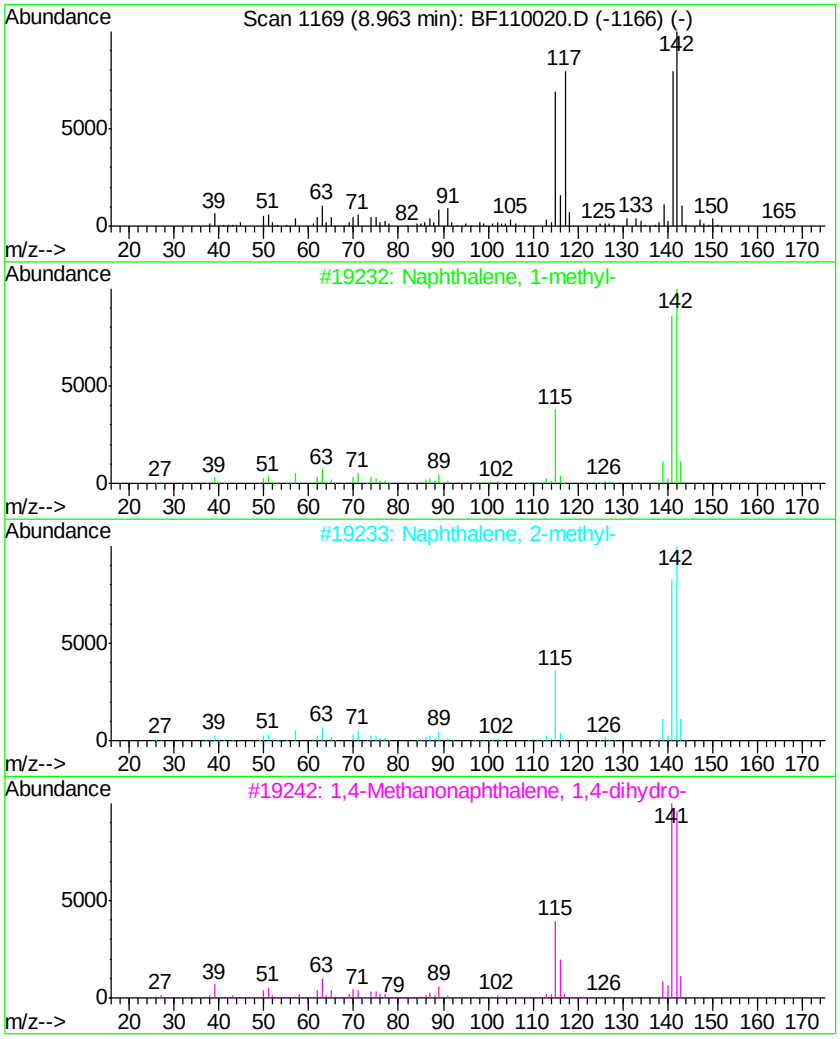
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

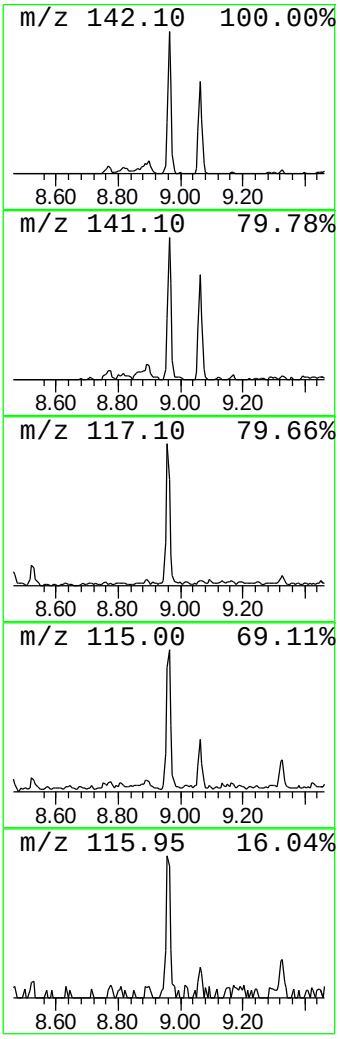
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.00 ng	157851	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83
4	Benzocycloheptatriene	142	C11H10	000264-09-5	53
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110020.D
Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

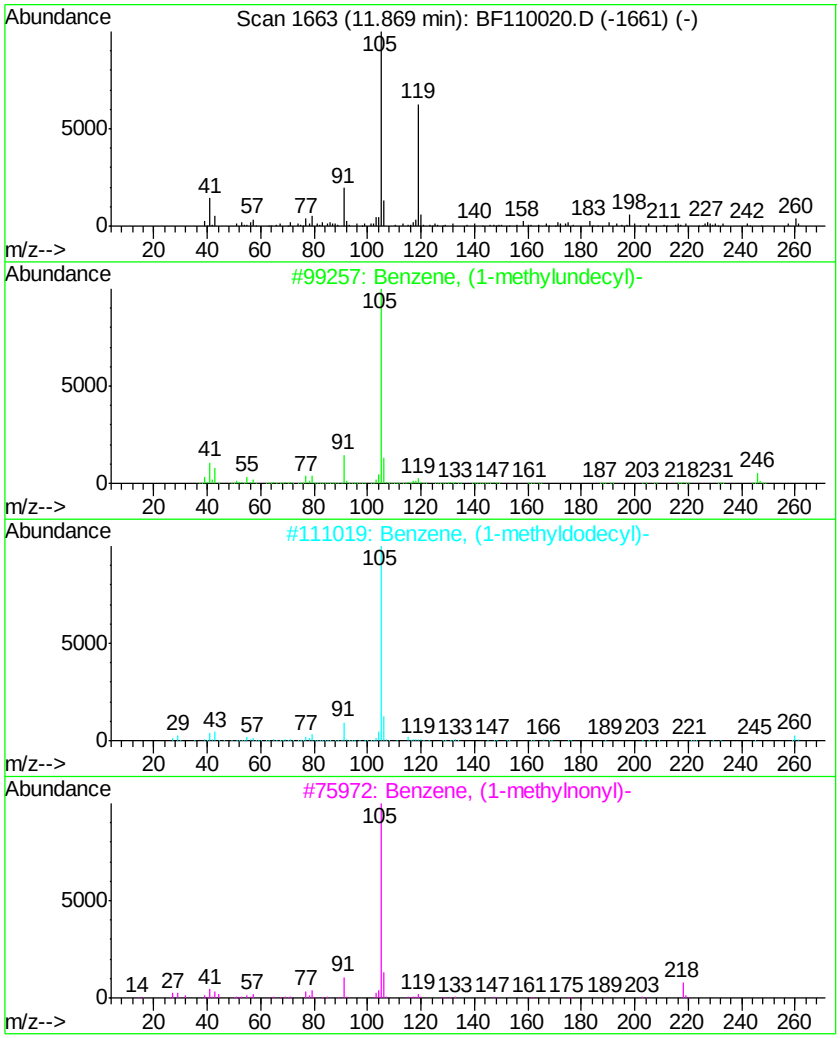
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

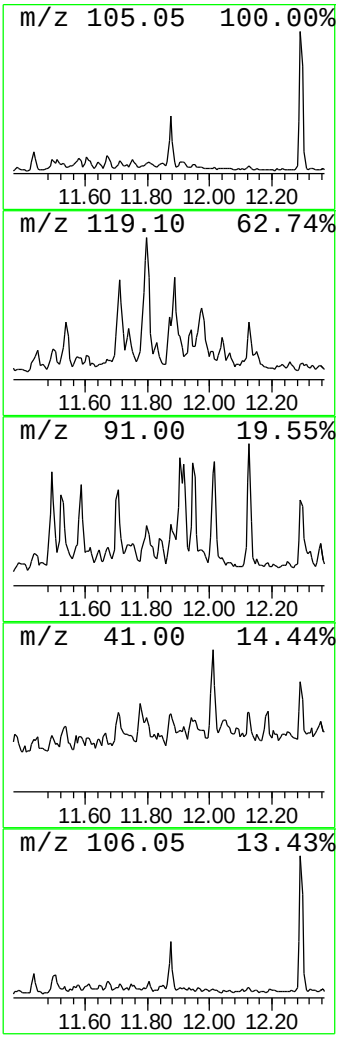
****

Peak Number 7 Benzene, (1-methylundecyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.18 ng	153407	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	58
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	47
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	47
5	4-Methyl-3-(O-methylbenzyl)penta...	201	C14H19N	029107-40-2	38





Library Search Compound Report

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Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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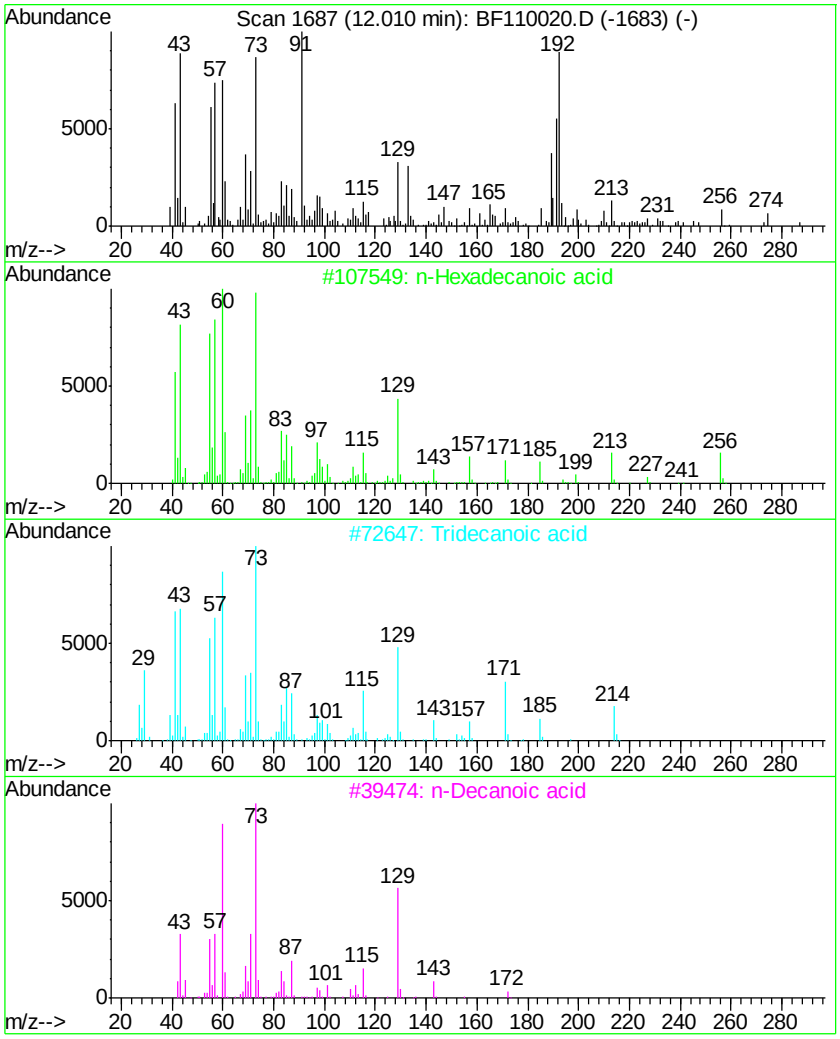
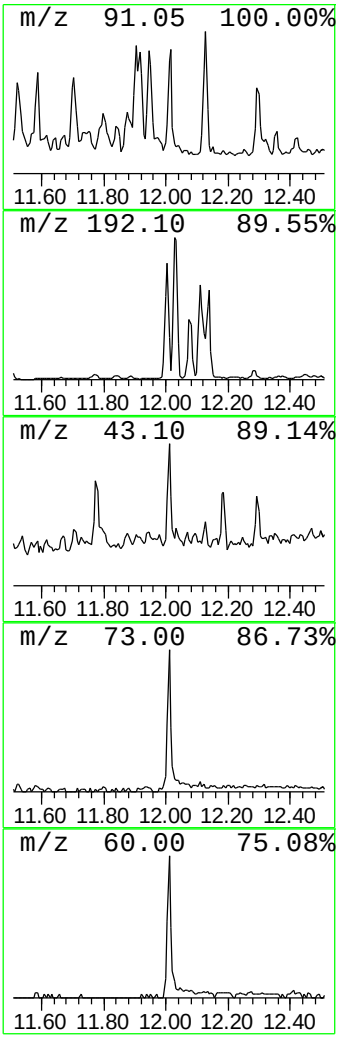
Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.63 ng	326361	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





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Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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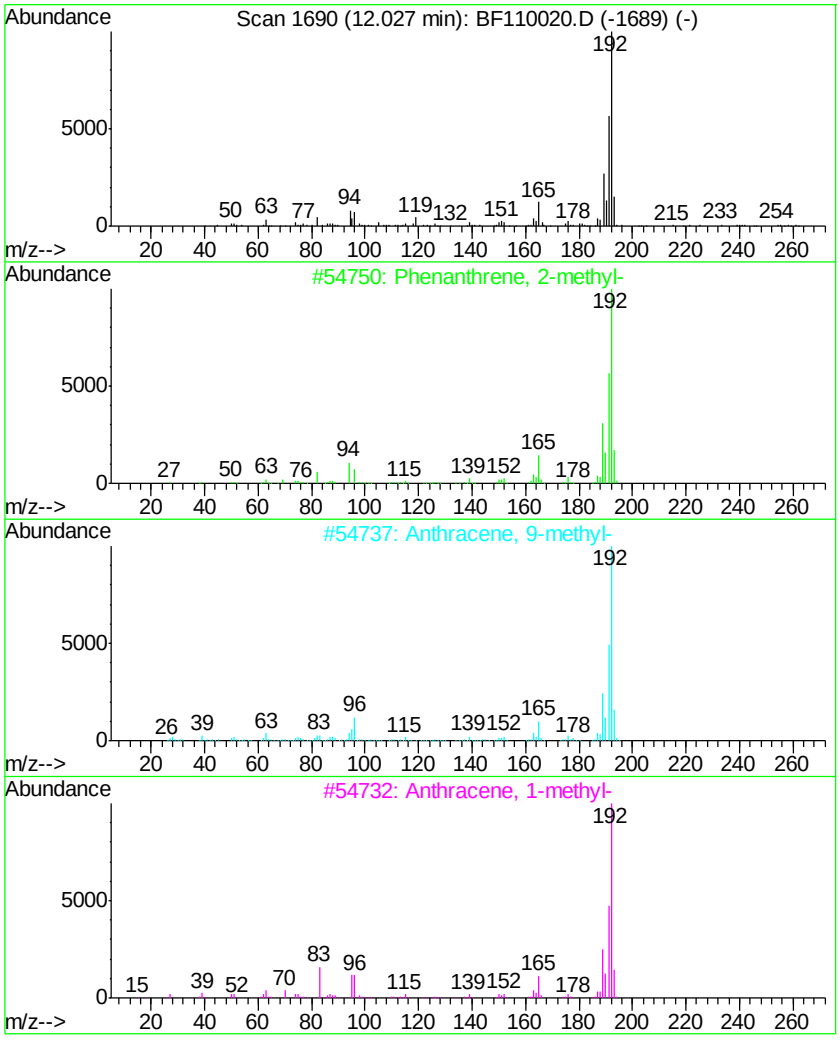
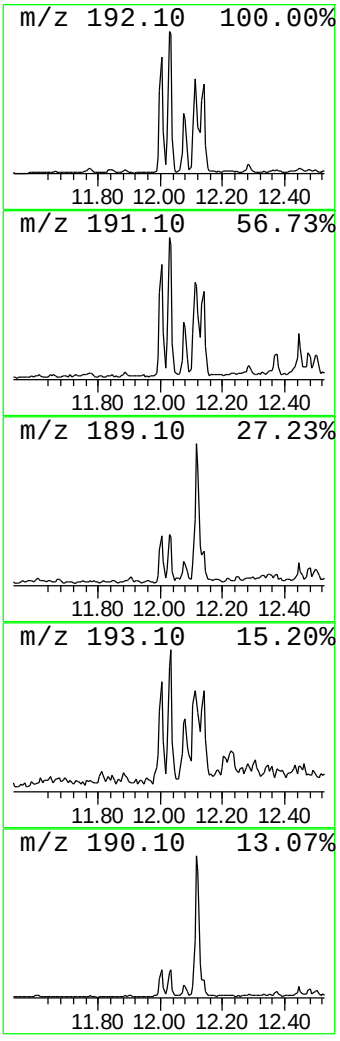
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.73 ng	192093	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Data File : BF110020.D
Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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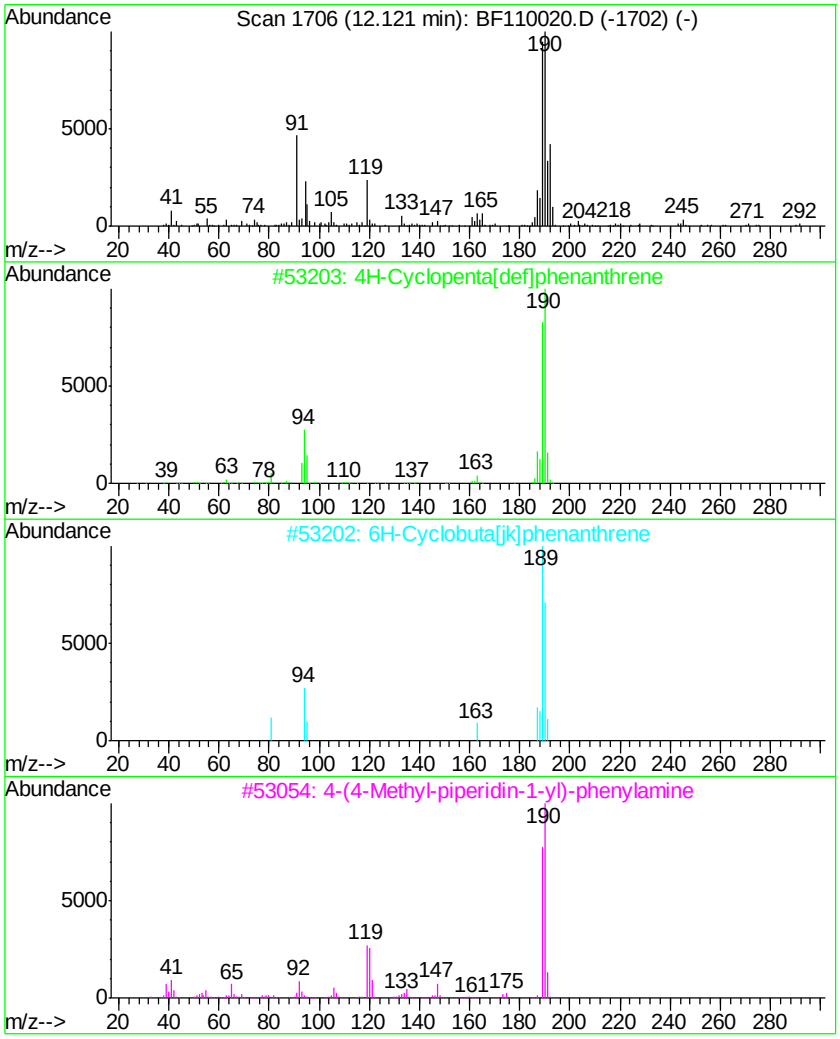
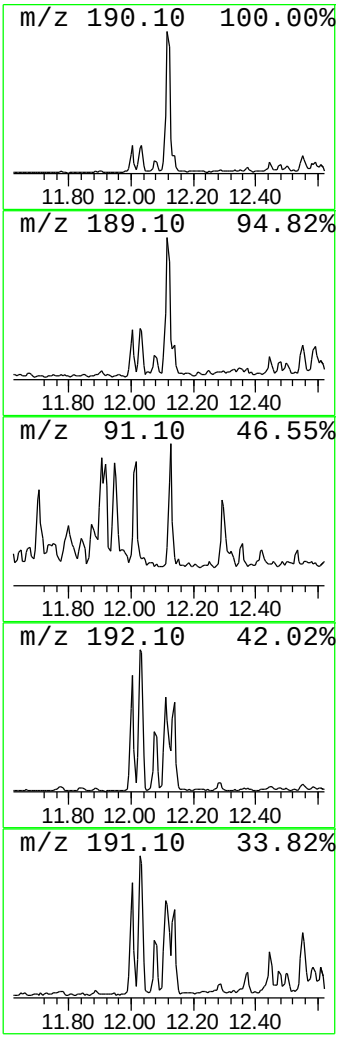
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.70 ng	401213	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	40
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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Data File : BF110020.D
Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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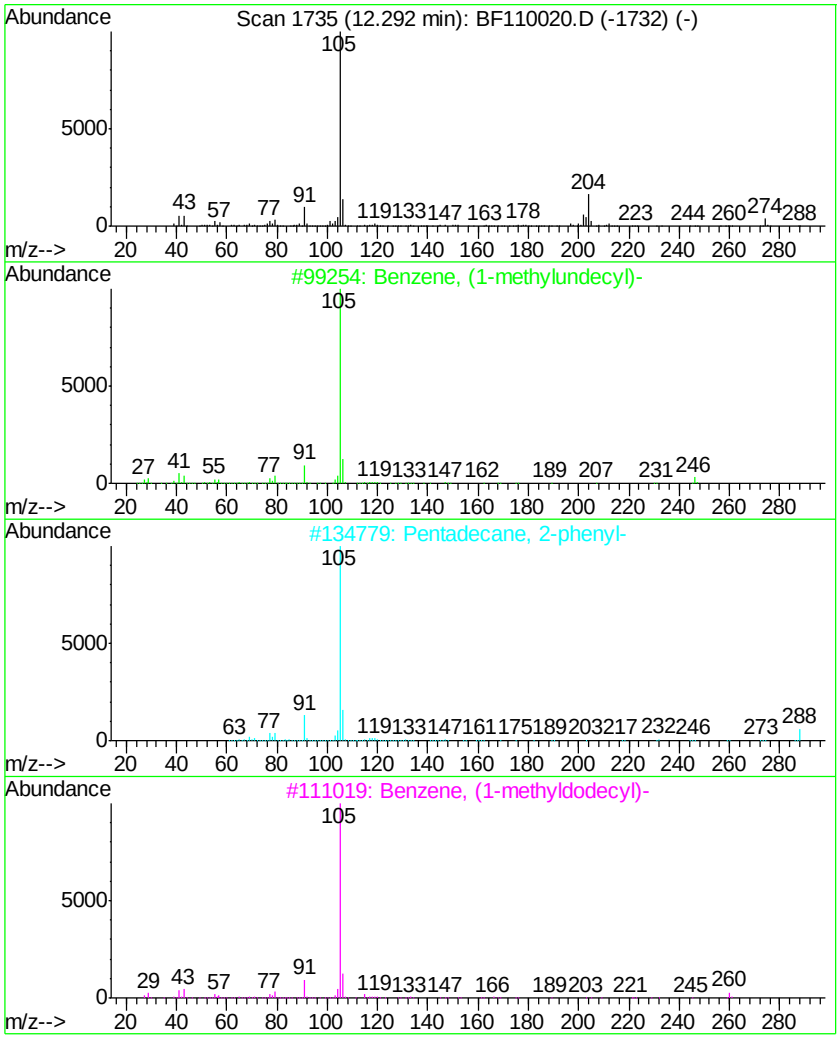
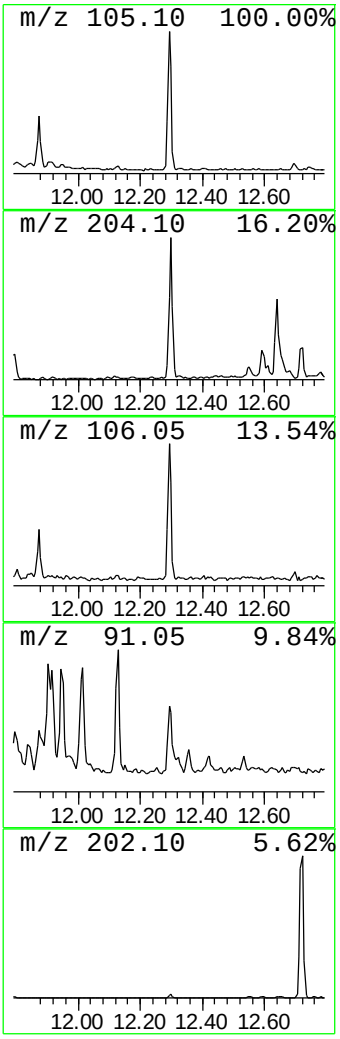
Peak Number 11 Pentadecane, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.52 ng	318156	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	60
2	Pentadecane, 2-phenyl-	288	C21H36	004534-66-1	53
3	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	53
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	47
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	47





Library Search Compound Report

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Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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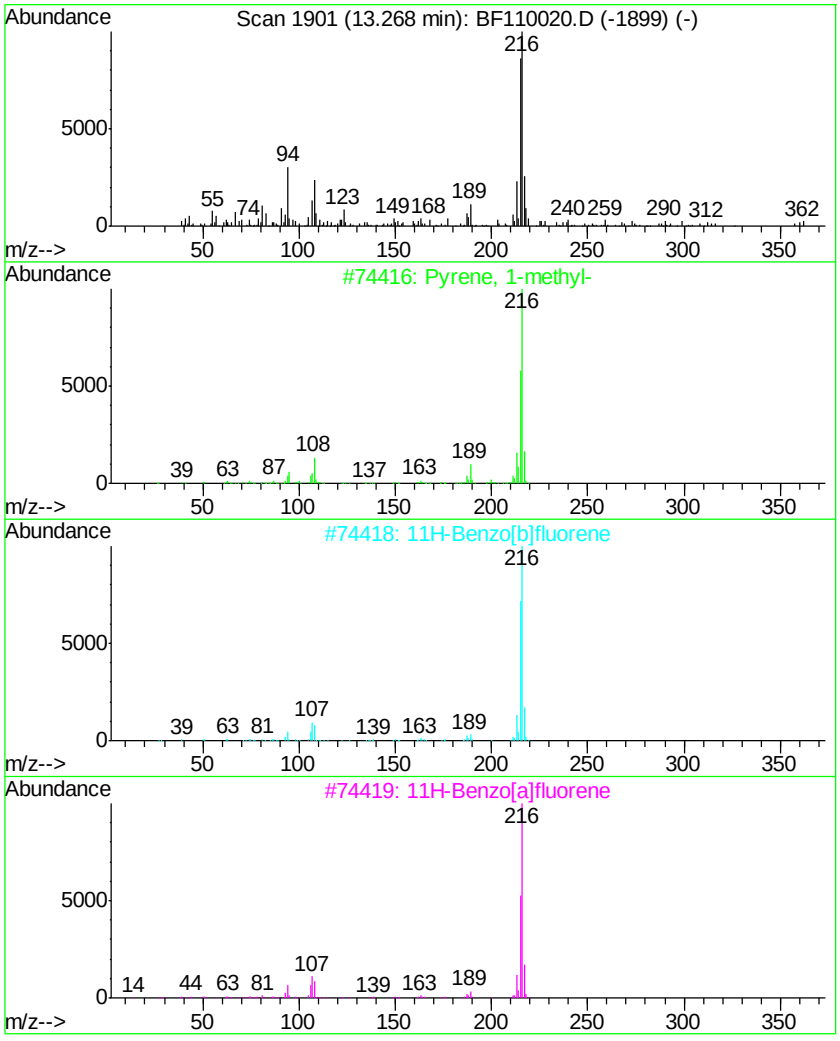
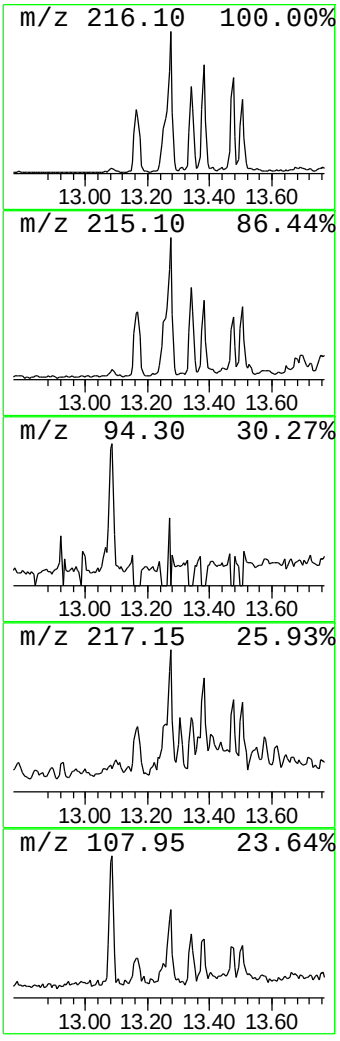
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.06 ng	190607	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
Sample : J5195-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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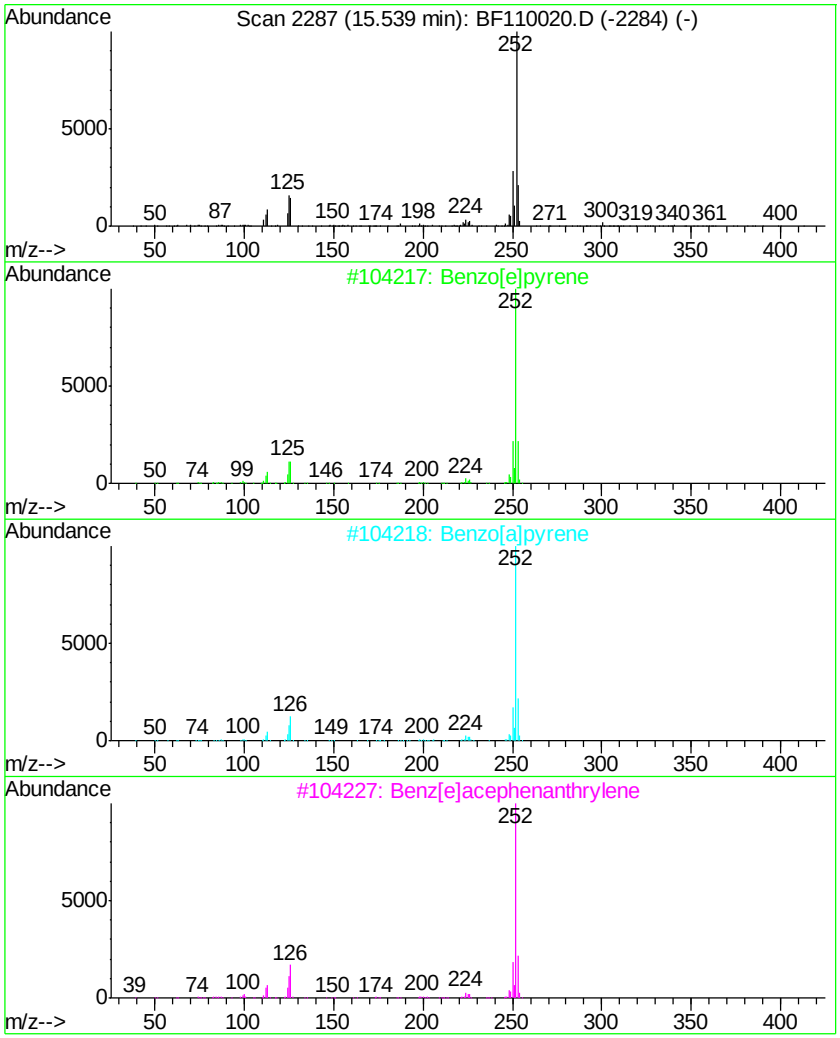
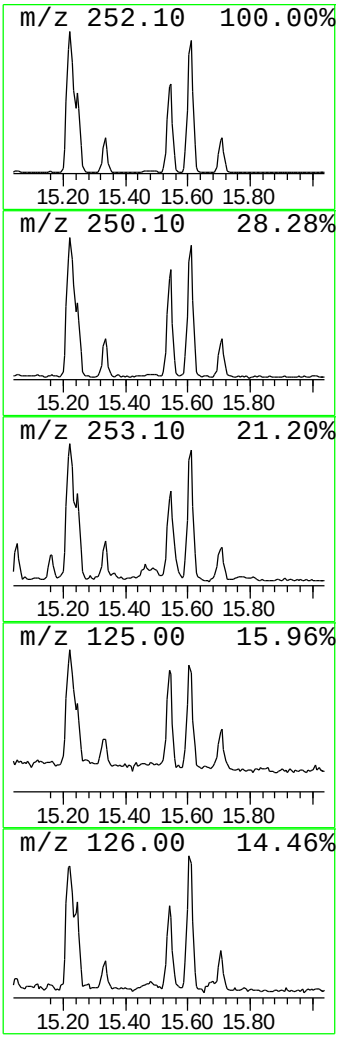
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	9.55 ng	479965	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Data File : BF110020.D
Acq On : 19 Oct 2018 23:11
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.29	5.8	ng	354836	1	6.97	1228110	20.0
2-Pentanone, 4-hy...	5.19	2.7	ng	166519	1	6.97	1228110	20.0
unknown6.73	6.73	36.9	ng	2264900	1	6.97	1228110	20.0
Benzene, 1-ethyl-...	6.79	2.5	ng	156253	1	6.97	1228110	20.0
Naphthalene, 1-me...	8.96	2.0	ng	157851	2	8.25	1574980	20.0
Benzene, (1-methy...	11.87	2.2	ng	153407	4	11.50	1408750	20.0
n-Hexadecanoic acid	12.01	4.6	ng	326361	4	11.50	1408750	20.0
Phenanthrene, 2-m...	12.03	2.7	ng	192093	4	11.50	1408750	20.0
4H-Cyclopenta[def...	12.12	5.7	ng	401213	4	11.50	1408750	20.0
Pentadecane, 2-ph...	12.29	4.5	ng	318156	4	11.50	1408750	20.0
Pyrene, 1-methyl-	13.27	2.1	ng	190607	5	14.15	1846900	20.0
Benzo[e]pyrene	15.54	9.6	ng	479965	6	15.67	1005000	20.0