LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090631.D
Acq On : 18 Oct 2016 16:46
Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

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-BF101316.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	2.920	42	51	55	rVB	39117	124800	2.11%	0.183%
2	5.091	238	241	249	rBV	1012447	1443512	24.42%	2.115%
3	5.469	271	274	275	rBV	56738	70100	1.19%	0.103%
4	5.514	275	278	280	rBV	4787112	5235438	88.57%	7.669%
5	5.731	296	297	301	rVB3	70932	102117	1.73%	0.150%
6	6.051	323	325	327	rBV3	65991	72445	1.23%	0.106%
7	6.143	330	333	336	rBV3	63565	88359	1.49%	0.129%
8	6.337	347	350	352	rBV	45807	83723	1.42%	0.123%
9	6.429	356	358	362	rVB4	67394	96787	1.64%	0.142%
10	6.543	365	368	370	rBV	4486585	5910958	100.00%	8.659%
11	6.669	377	379	382	rBV	5404644	5300034	89.66%	7.764%
12	6.726	382	384	392	rVB2	119496	232623	3.94%	0.341%
13	6.897	397	399	403	rBV	1382139	1354181	22.91%	1.984%
14	7.057	410	413	415	rBV	4800288	4460106	75.45%	6.533%
15	7.172	420	423	425	rVB4	39493	69323	1.17%	0.102%
16	7.217	425	427	432	rVB4	35716	68593	1.16%	0.100%
17	7.469	446	449	451	rBV	2764900	3546065	59.99%	5.194%
18	7.503	451	452	454	rVV	138732	128861	2.18%	0.189%
19	7.549	454	456	458	rVB3	55638	92792	1.57%	0.136%
20	7.937	486	490	492	rBV4	47056	107668	1.82%	0.158%
21	8.189	509	512	514	rBV	1737200	2167678	36.67%	3.175%
22	8.612	547	549	551	rBV	186047	162482	2.75%	0.238%
23	8.783	562	564	566	rBV	122707	113381	1.92%	0.166%
24	8.897	573	574	578	rVB	275603	270986	4.58%	0.397%
25	9.000	581	583	585	rBV	267338	241442	4.08%	0.354%
26	9.217	600	602	603	rVB	63099	81174	1.37%	0.119%
27	9.263	603	606	609	rBV	4948993	5162565	87.34%	7.562%
28	9.343	611	613	616	rVB2	114957	169945	2.88%	0.249%
29	9.526	626	629	631	rVB2	81560	123718	2.09%	0.181%
30	9.606	631	636	637	rBV	186309	334952	5.67%	0.491%
31	9.629	637	638	639	rVV	186816	168330	2.85%	0.247%
32	9.663	639	641	643	rVV	1560857	1642443	27.79%	2.406%
33	9.720	644	646	651	rVB	130948	173020	2.93%	0.253%
34	9.800	651	653	655	rBV	135523	134429	2.27%	0.197%

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-3-2

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.880	655	660	662	rVB2	151778	256273	4.34%	0.375%
36	9.949	662	666	667	rBV	1442322	2135253	36.12%	3.128%
37	9.983	667	669	673	rVB4	75258	134921	2.28%	0.198%
38	10.143	681	683	685	rVV	166830	179167	3.03%	0.262%
39	10.189	685	687	690	rVB3	56721	95745	1.62%	0.140%
40	10.280	692	695	697	rBV2	138688	258576	4.37%	0.379%
41	10.372	699	703	705	rVB2	204481	364180	6.16%	0.533%
42	10.452	705	710	711	rBV5	40152	110341	1.87%	0.162%
43	10.486	711	713	714	rBV	115915	98492	1.67%	0.144%
44	10.601	720	723	726	rBV	125140	215364	3.64%	0.315%
45	10.646	726	727	729	rVB	116942	105026	1.78%	0.154%
46	10.738	732	735	737	rBV	2716754	3037313	51.38%	4.449%
47	10.863	743	746	751	rBV	434585	632845	10.71%	0.927%
48	10.932	751	752	757	rVB3	46030	70573	1.19%	0.103%
49	11.046	758	762	765	rBV5	43975	106957	1.81%	0.157%
50	11.172	770	773	777	rVB4	82712	158879	2.69%	0.233%
51	11.241	777	779	781	rBV2	55321	80166	1.36%	0.117%
52	11.298	781	784	785	rBV2	233017	238402	4.03%	0.349%
53	11.332	785	787	790	rVB2	110124	138937	2.35%	0.204%
54	11.435	793	796	800	rBV2	1391670	2037682	34.47%	2.985%
55	11.503	801	802	804	rVB	122581	107416	1.82%	0.157%
56	11.663	813	816	819	rBV5	45844	127907	2.16%	0.187%
57	11.721	819	821	823	rVB	115131	143383	2.43%	0.210%
58	11.926	837	839	840	rVV	175034	223330	3.78%	0.327%
59	11.961	840	842	845	rVV	646040	731438	12.37%	1.071%
60	12.041	847	849	853	rVV	172280	315952	5.35%	0.463%
61	12.132	853	857	859	rVV	187976	226263	3.83%	0.331%
62	12.224	862	865	871	rVV3	76825	217936	3.69%	0.319%
63	12.486	886	888	889	rBV	116590	137544	2.33%	0.201%
64	12.521	889	891	894	rVV2	175406	222081	3.76%	0.325%
65	12.566	894	895	898	rVB	90999	97378	1.65%	0.143%
66	12.646	899	902	904	rBV	600703	632292	10.70%	0.926%
67	12.692	904	906	909	rVV3	85425	167803	2.84%	0.246%
68	12.749	909	911	917	rVV5	61538	155383	2.63%	0.228%
69	12.875	918	922	925	rVV	486833	700483	11.85%	1.026%
70	12.932	925	927	929	rVB2	57086	90698	1.53%	0.133%
71	13.024	932	935	937	rVV	3747086	3942655	66.70%	5.775%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-3-2

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.092	939	941	945	rVB4	62305	107179	1.81%	0.157%
73	13.184	947	949	952	rVB3	68055	157478	2.66%	0.231%
74	13.252	953	955	958	rVB2	108115	104060	1.76%	0.152%
75	13.309	958	960	961	rBV	85816	109402	1.85%	0.160%
76	13.446	971	972	973	rVV	86194	88477	1.50%	0.130%
77	13.481	973	975	980	rVB	286108	321306	5.44%	0.471%
78	13.595	983	985	991	rVB3	101961	157411	2.66%	0.231%
79	13.709	993	995	997	rVB	117562	126816	2.15%	0.186%
80	13.824	1002	1005	1006	rBV2	84073	143558	2.43%	0.210%
81	13.915	1011	1013	1016	rVV2	365658	408895	6.92%	0.599%
82	13.995	1018	1020	1023	rBV3	47831	77006	1.30%	0.113%
83	14.075	1024	1027	1033	rVV2	1650791	2468829	41.77%	3.616%
84	14.235	1040	1041	1044	rVB3	65322	86931	1.47%	0.127%
85	14.498	1063	1064	1066	rVB2	84464	82091	1.39%	0.120%
86	14.544	1066	1068	1070	rBV3	125994	163889	2.77%	0.240%
87	14.589	1070	1072	1075	rVB2	59862	99571	1.68%	0.146%
88	14.852	1093	1095	1096	rBV	79983	82519	1.40%	0.121%
89	15.115	1115	1118	1122	rBV	538758	1129951	19.12%	1.655%
90	15.184	1122	1124	1126	rBV	114460	147804	2.50%	0.217%
91	15.412	1141	1144	1147	rBV	289300	417561	7.06%	0.612%
92	15.470	1147	1149	1152	rVV	280537	379169	6.41%	0.555%
93	15.538	1152	1155	1162	rVB	1041852	1629039	27.56%	2.386%
94	15.995	1192	1195	1198	rBV	148638	231161	3.91%	0.339%
95	16.978	1278	1281	1287	rVB2	132727	323715	5.48%	0.474%
96	17.081	1287	1290	1293	rVB2	77430	154160	2.61%	0.226%
97	17.150	1293	1296	1299	rBV	75633	161916	2.74%	0.237%
98	17.321	1308	1311	1315	rVB	169041	340755	5.76%	0.499%
99	17.401	1315	1318	1323	rBV	91771	203937	3.45%	0.299%
100	17.550	1328	1331	1336	rVB5	54233	132159	2.24%	0.194%

Sum of corrected areas: 68266809

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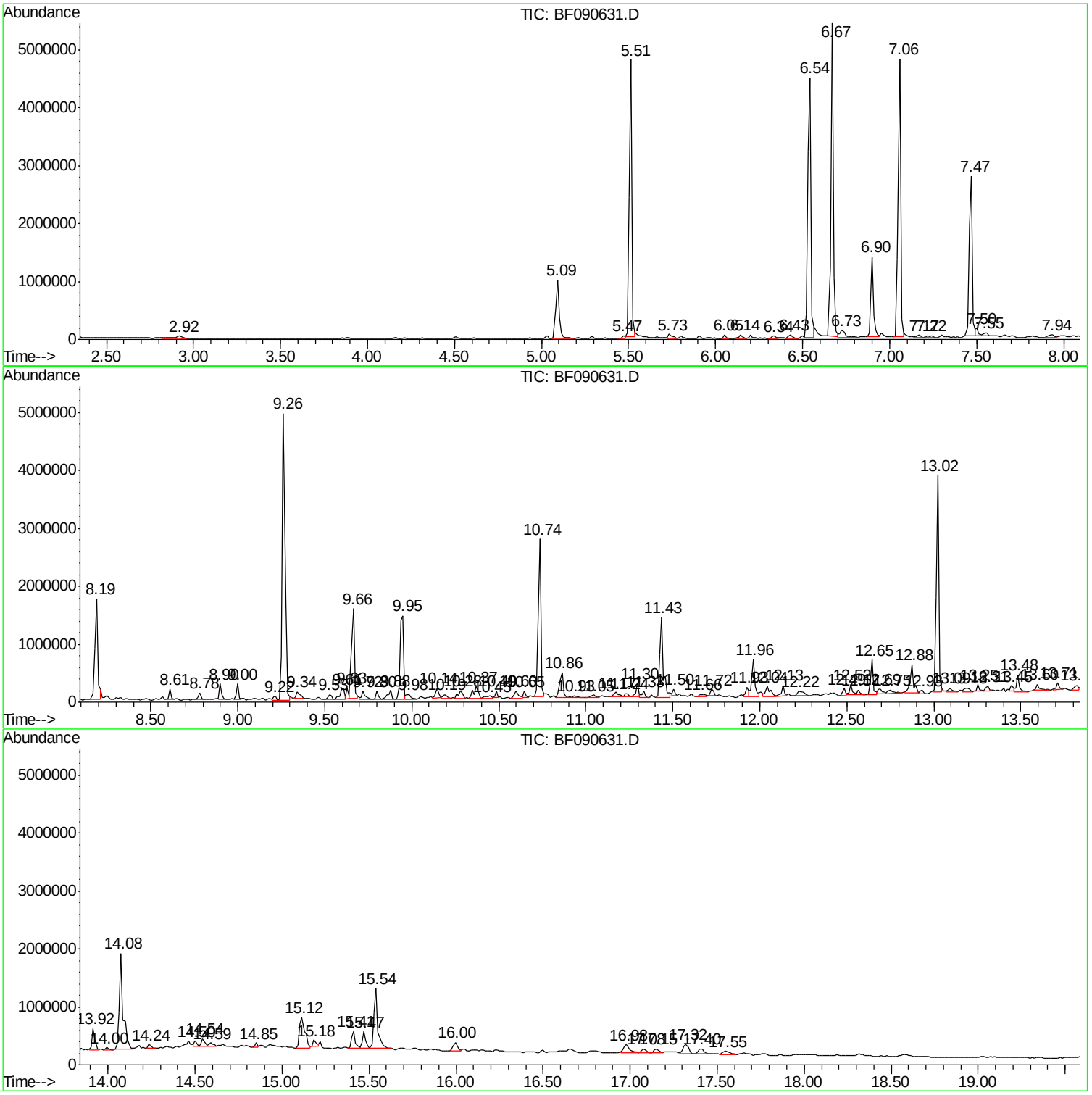
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
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Instrument : BNA_F
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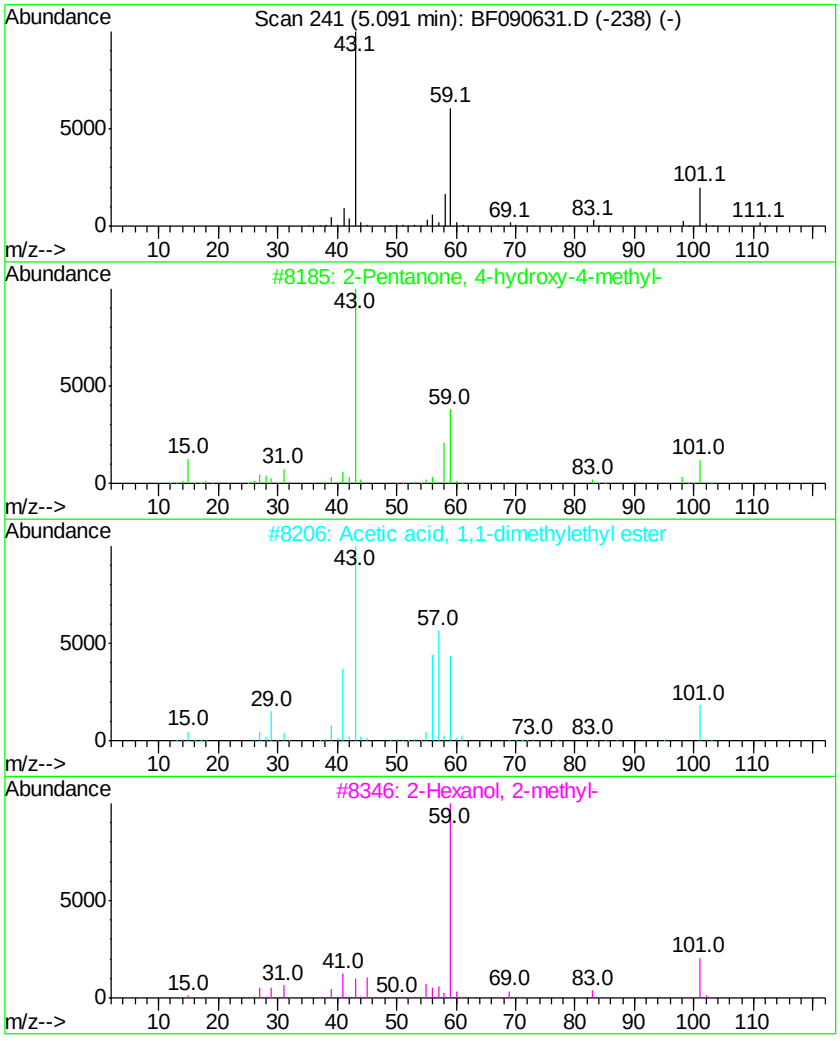
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

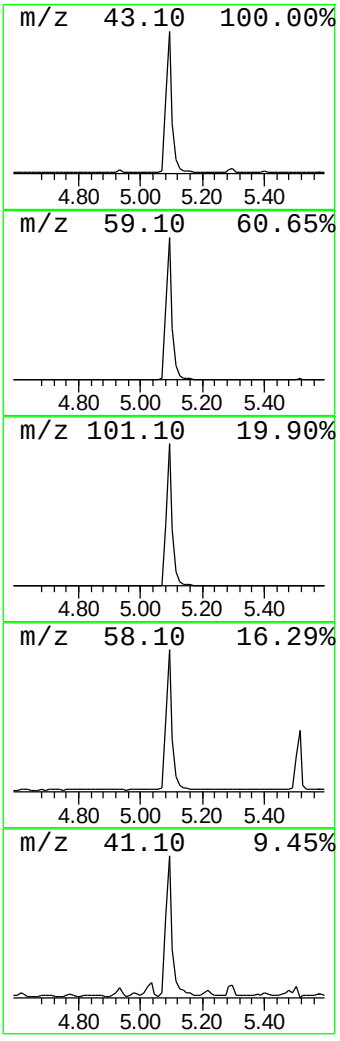
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	21.32 ng	1443510	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : H5289-02
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Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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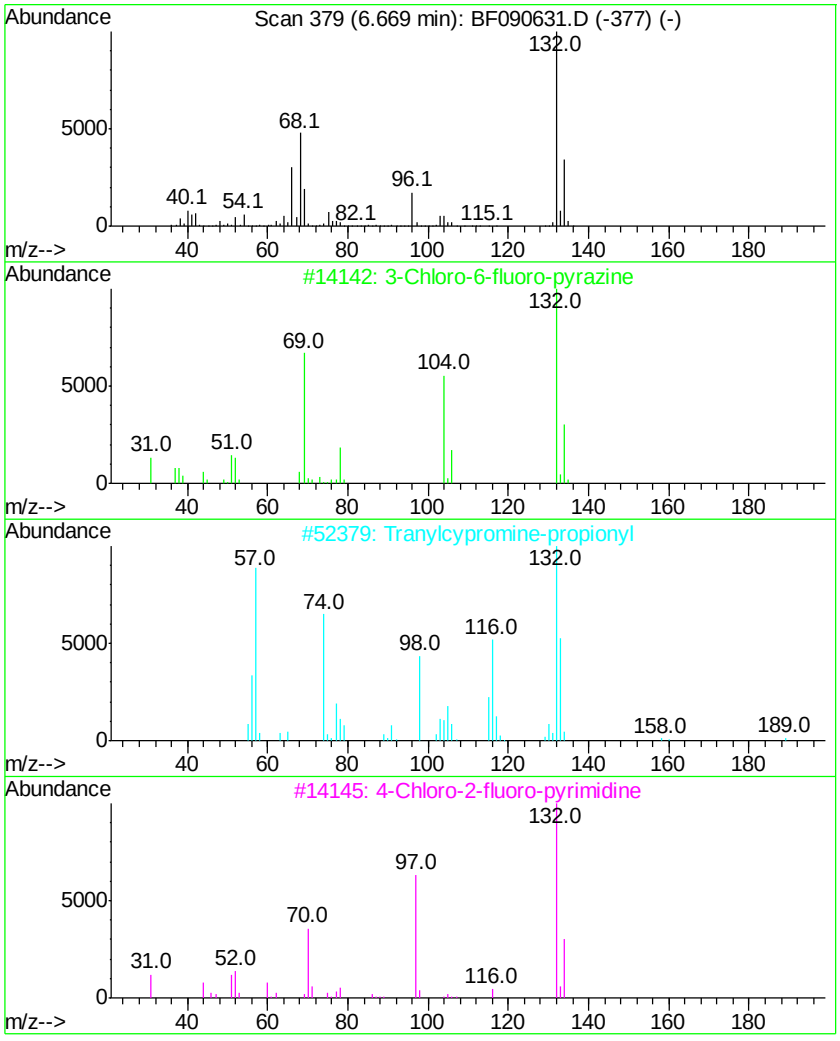
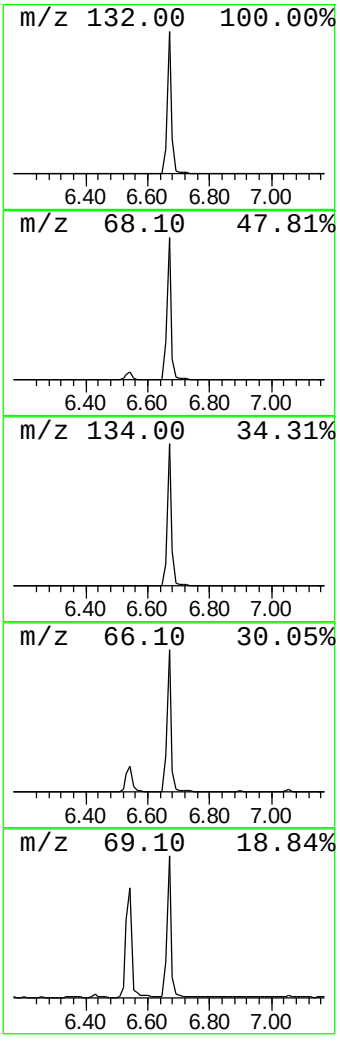
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	78.28 ng	5300030	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
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Sample : H5289-02
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Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

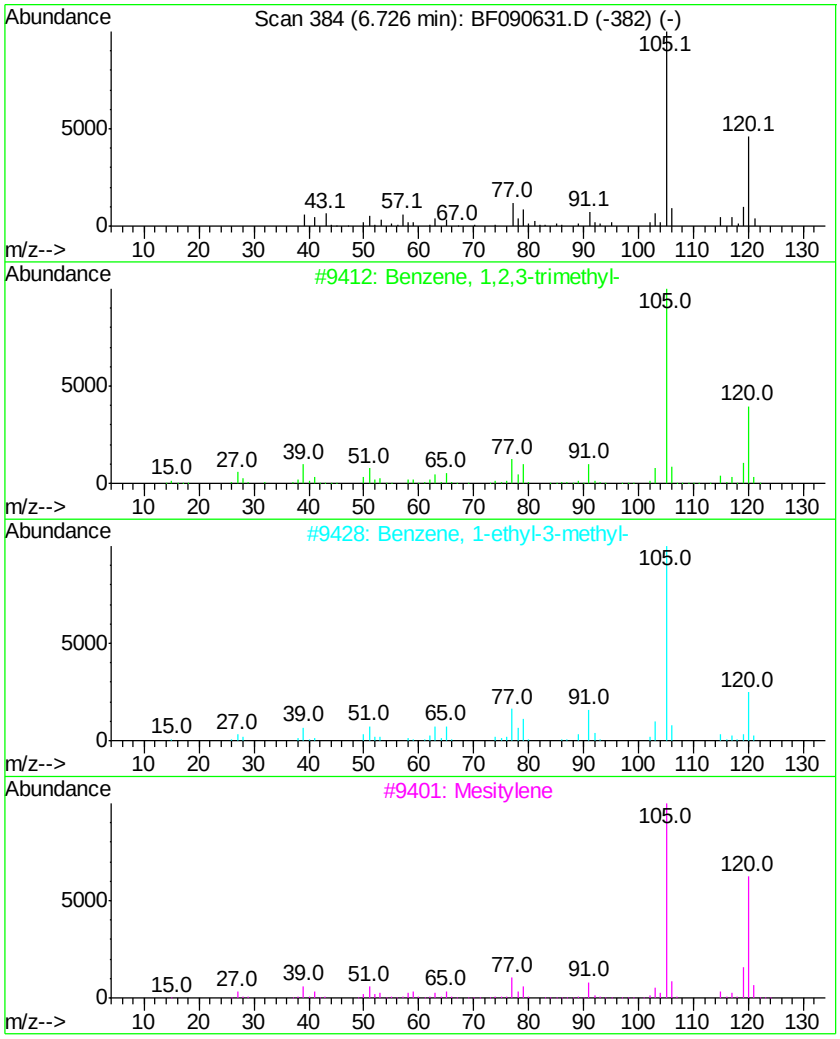
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

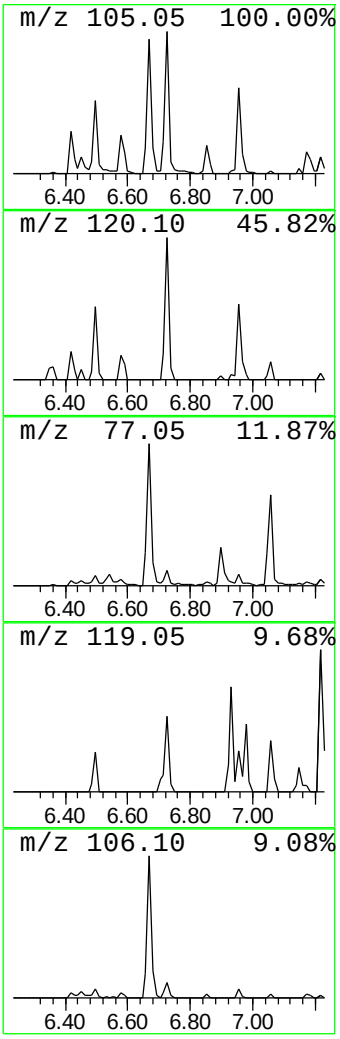
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	3.44 ng	232623	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

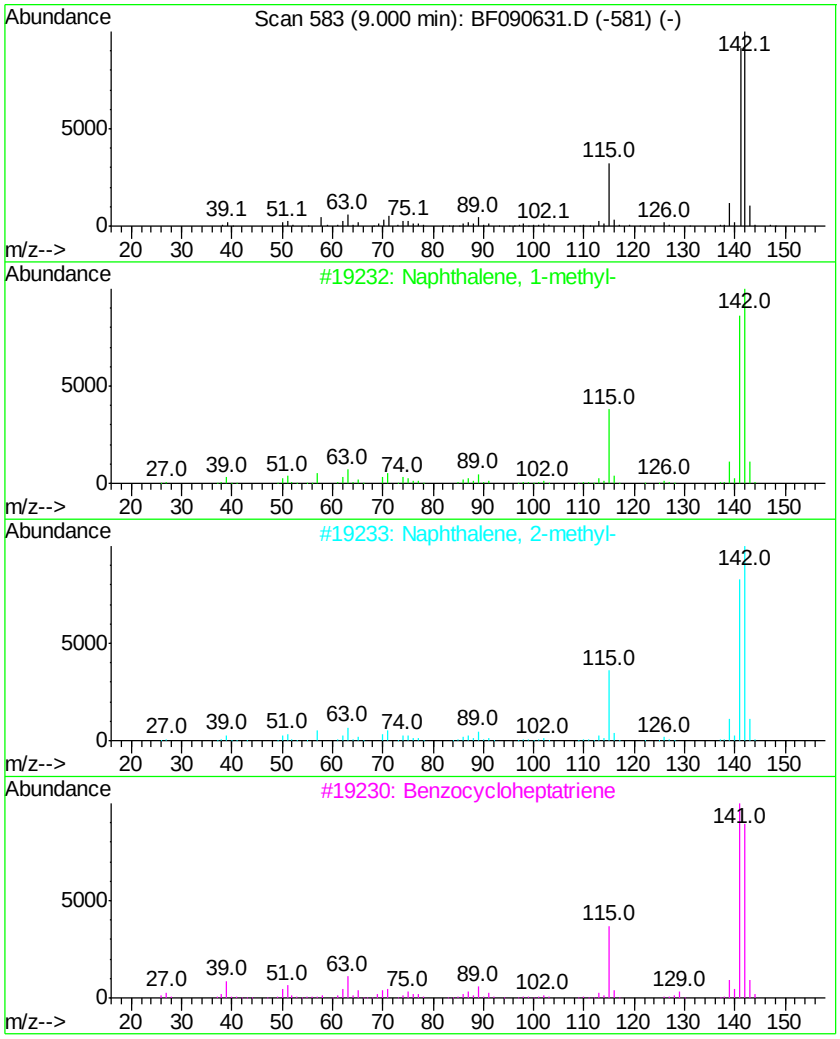
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

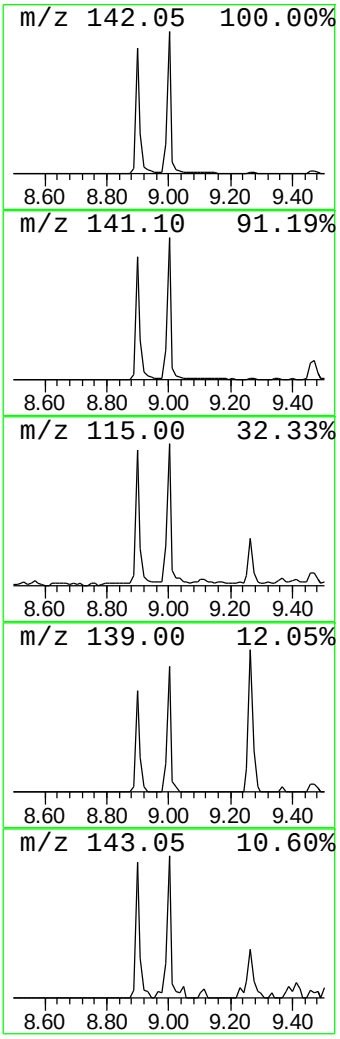
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	2.23 ng	241442	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

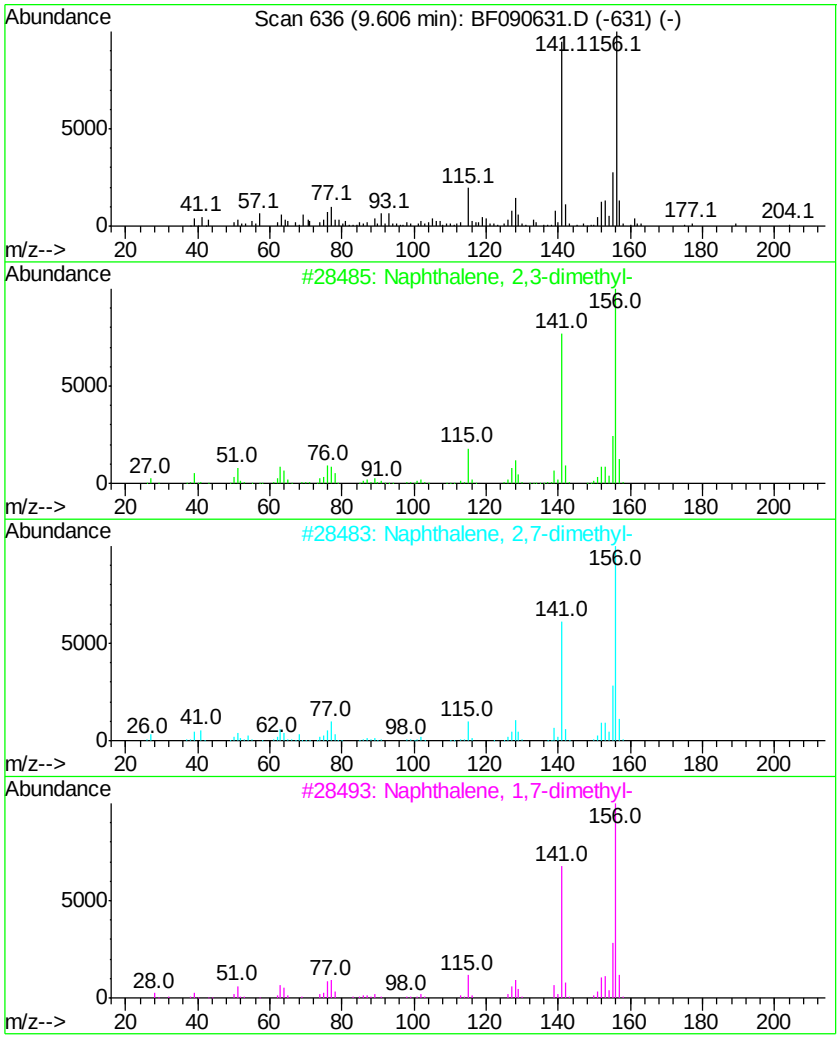
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

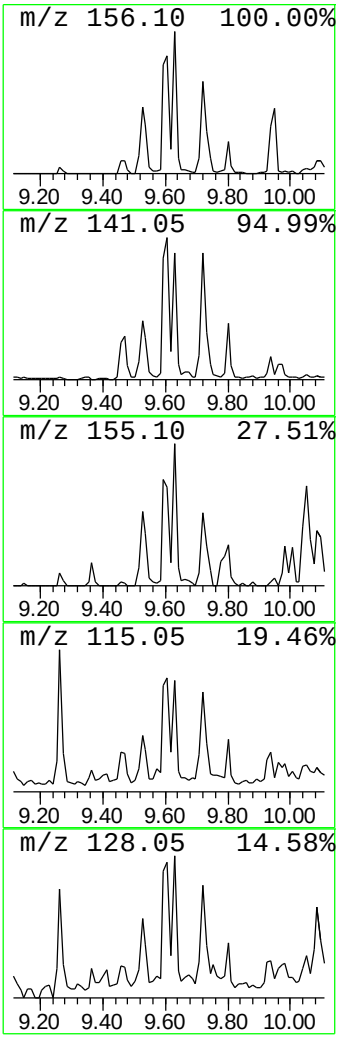
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.14 ng	334952	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090631.D
Acq On : 18 Oct 2016 16:46
Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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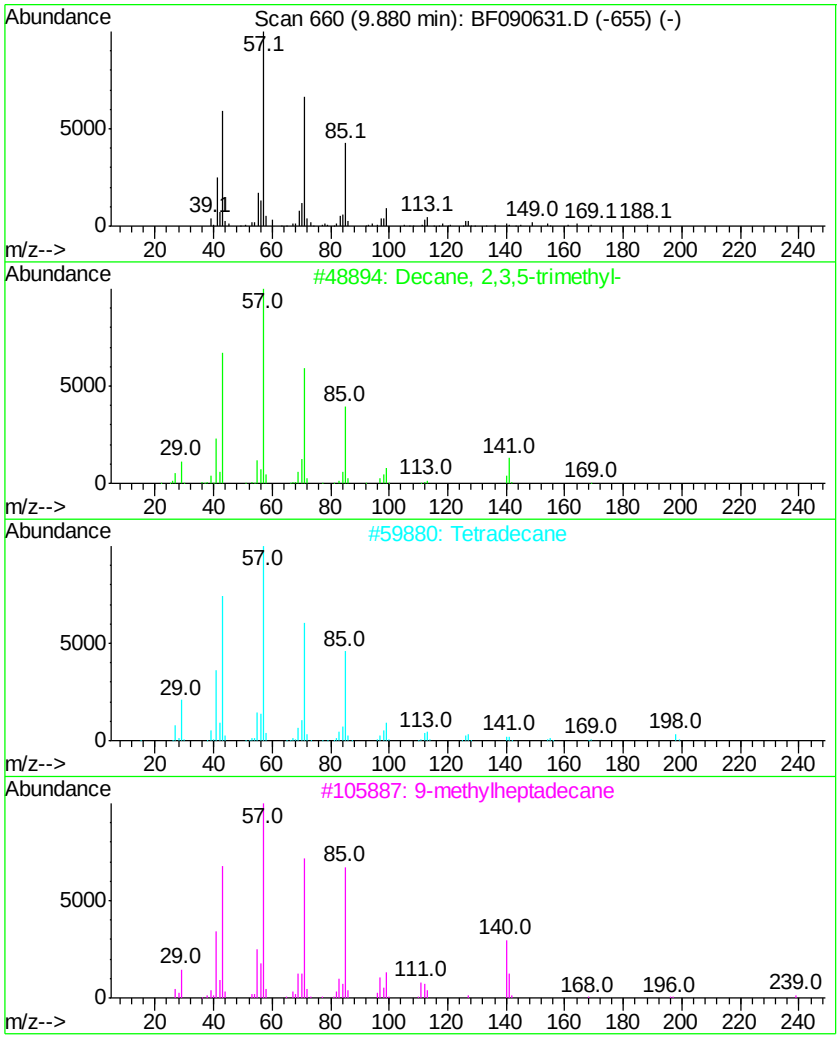
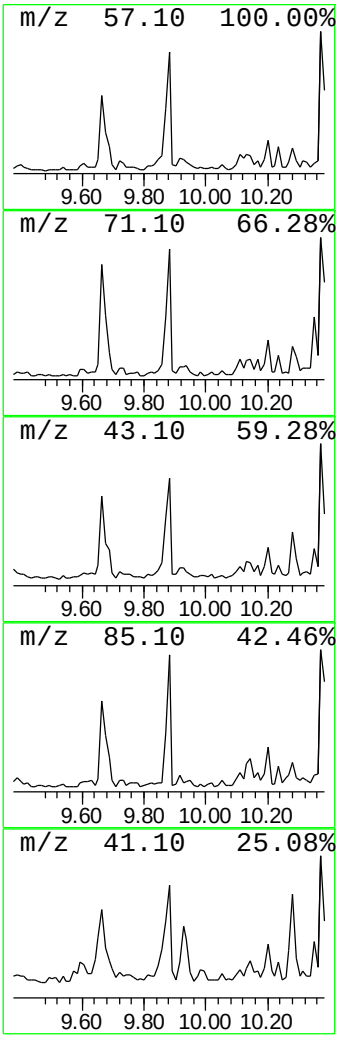
Peak Number 7 Decane, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	2.40 ng	256273	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	9-methylheptadecane	254	C18H38	026741-18-4	80
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

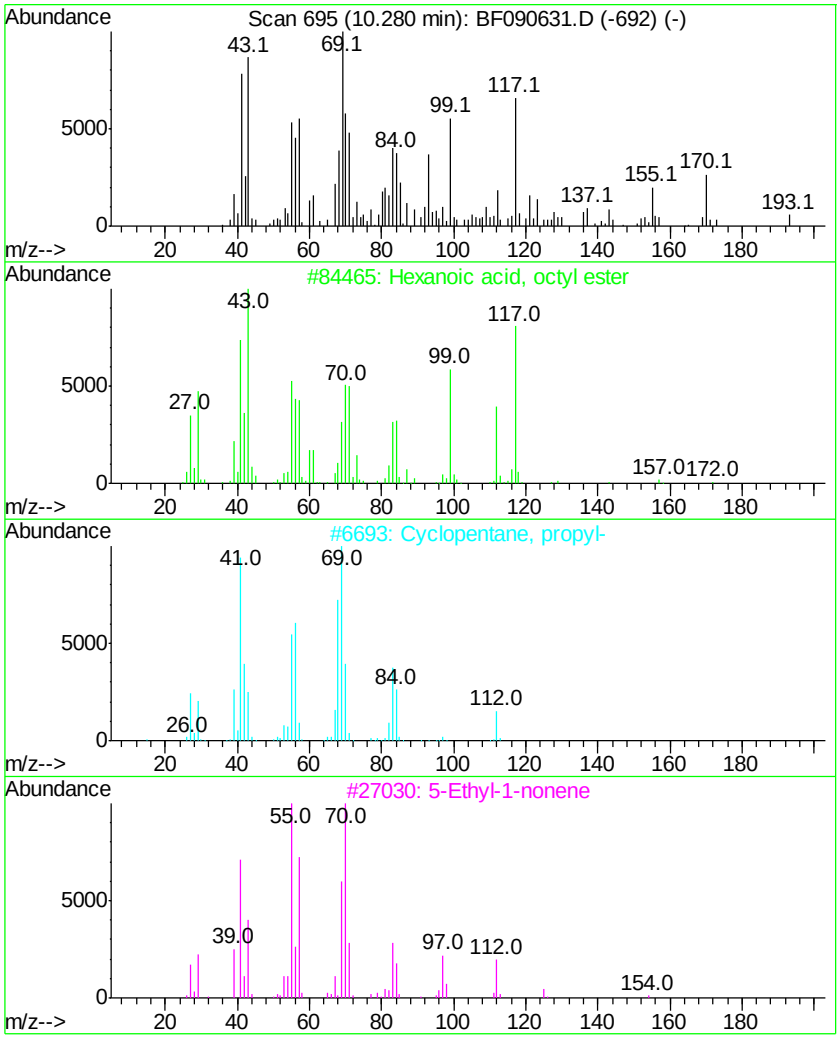
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

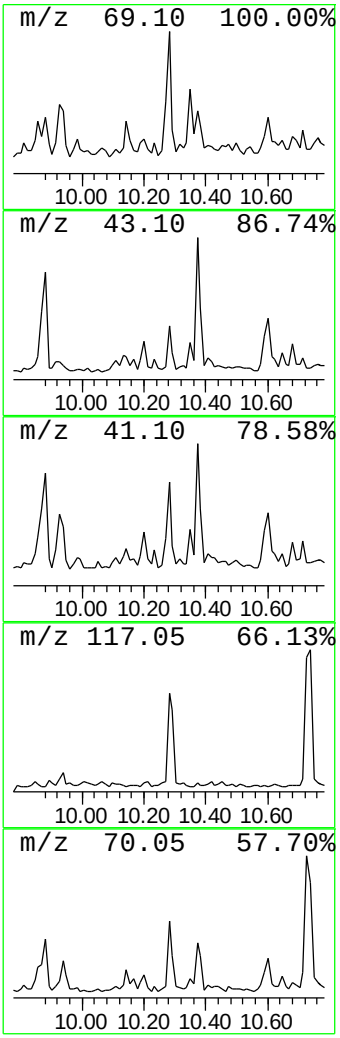
****

Peak Number 8 unknown10.28 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.42 ng	258576	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, octyl ester	228	C14H28O2	004887-30-3	45
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	43
3	5-Ethyl-1-nonene	154	C11H22	019780-74-6	43
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	35
5	Hexanoic acid, pentyl ester	186	C11H22O2	000540-07-8	30





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Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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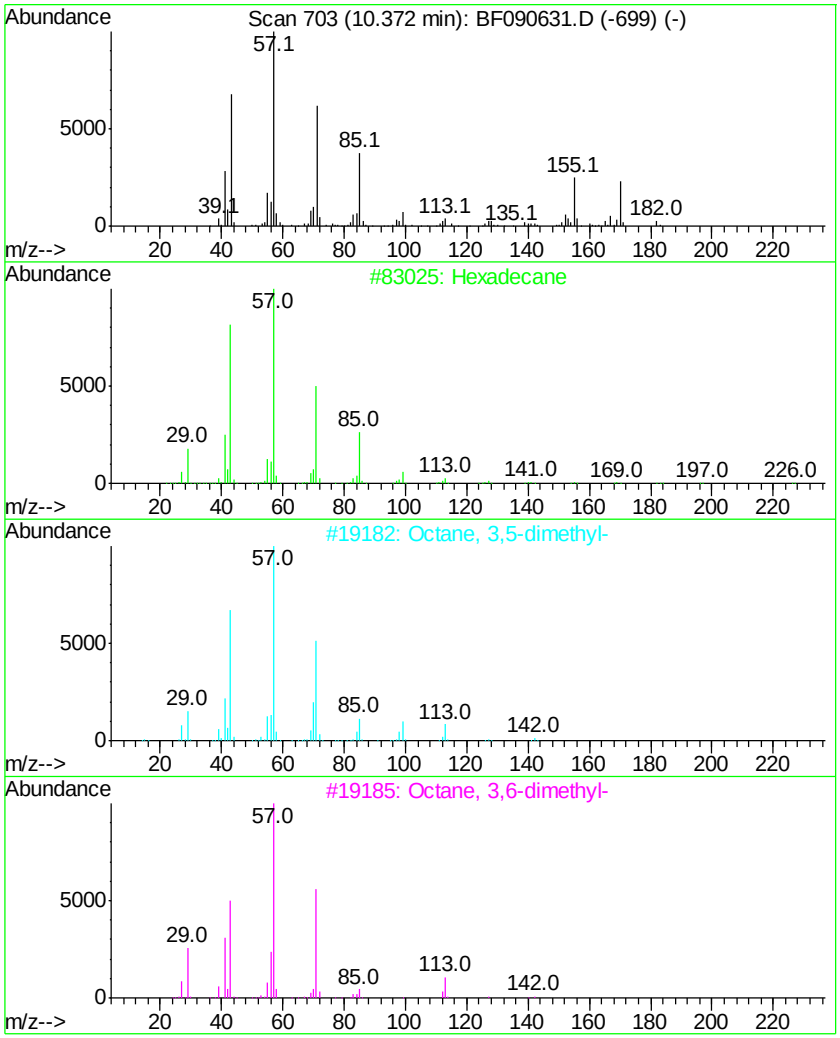
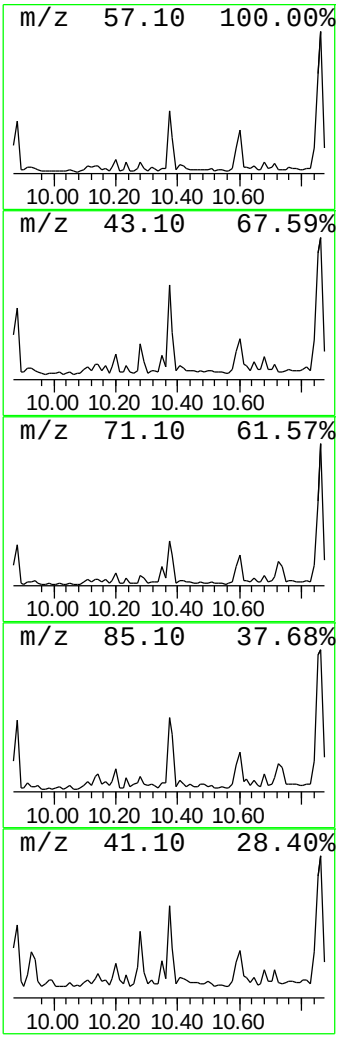
Peak Number 9 unknown10.37 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.41 ng	364180	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	41
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4	Undecane	156	C11H24	001120-21-4	38
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	38





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

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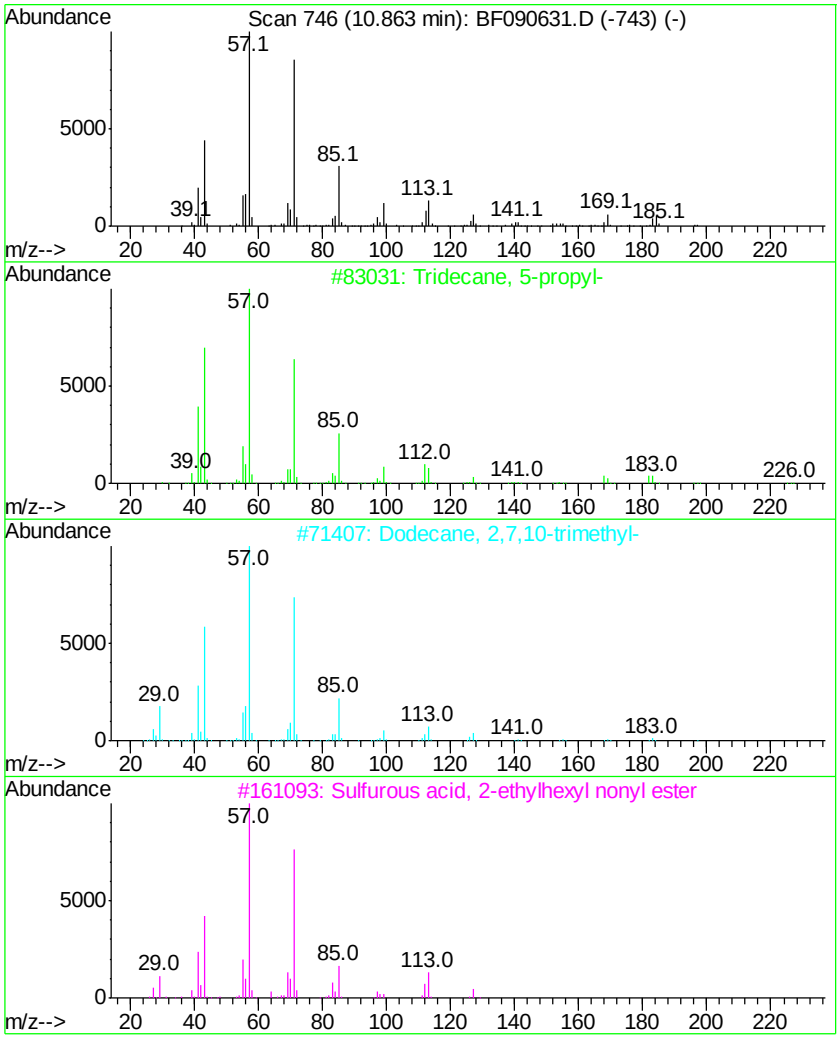
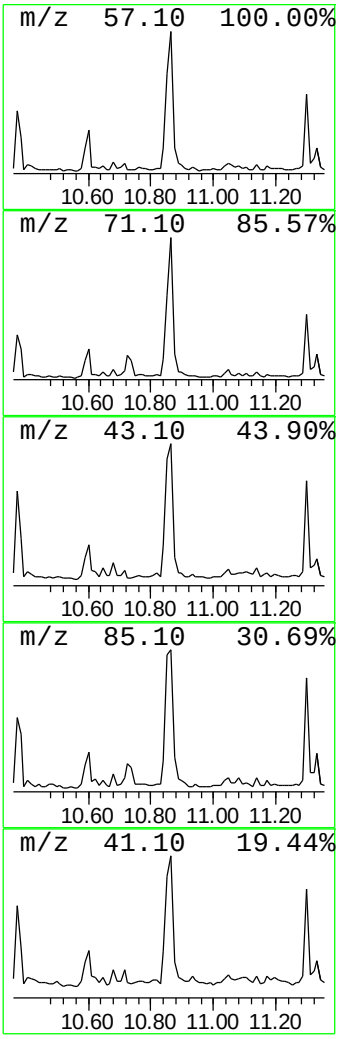
Peak Number 10 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	6.21 ng	632845	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	68
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : SP-3-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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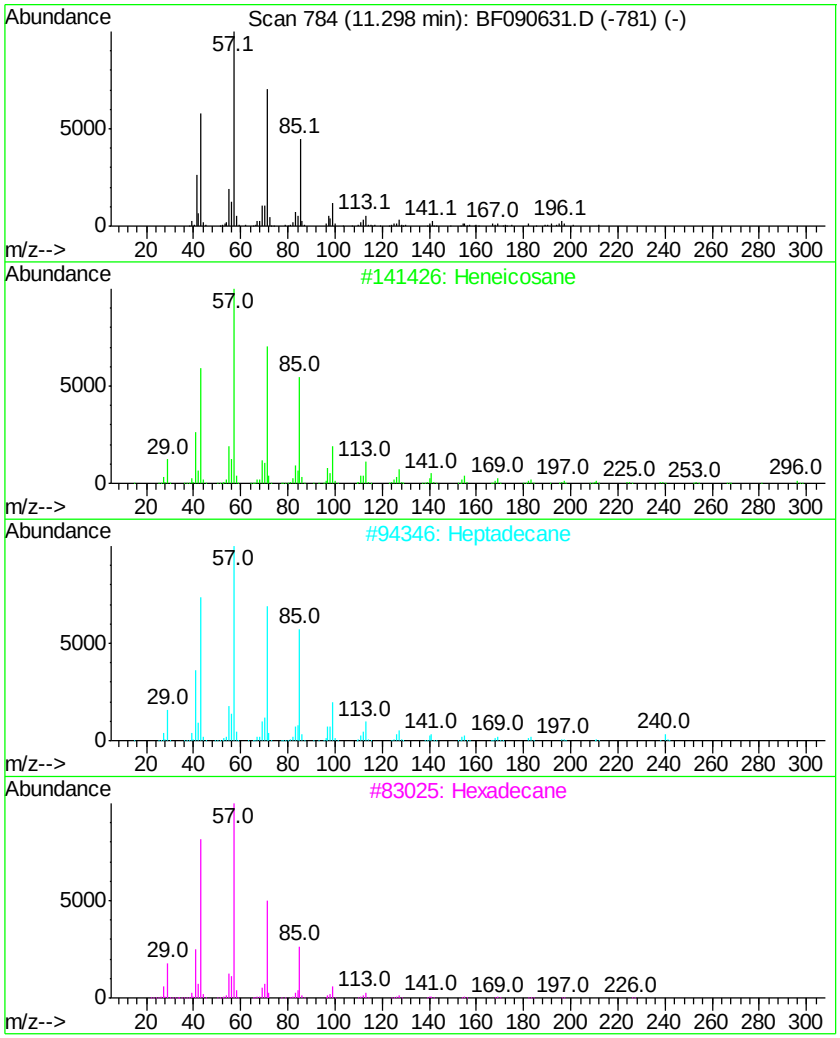
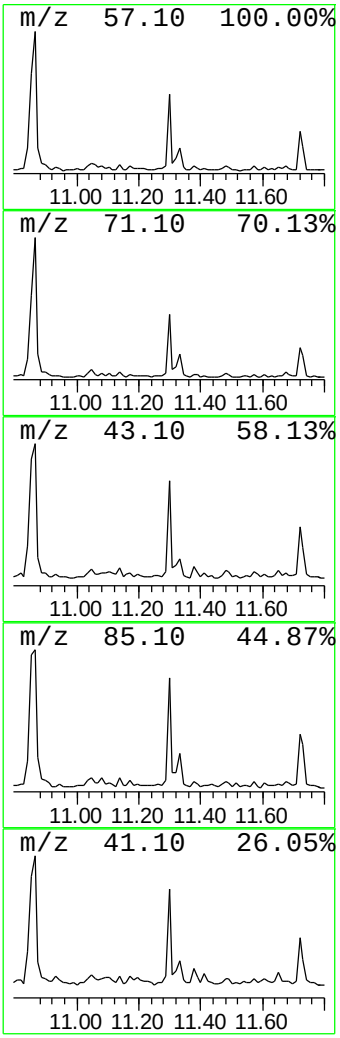
Peak Number 11 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.34 ng	238402	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : SP-3-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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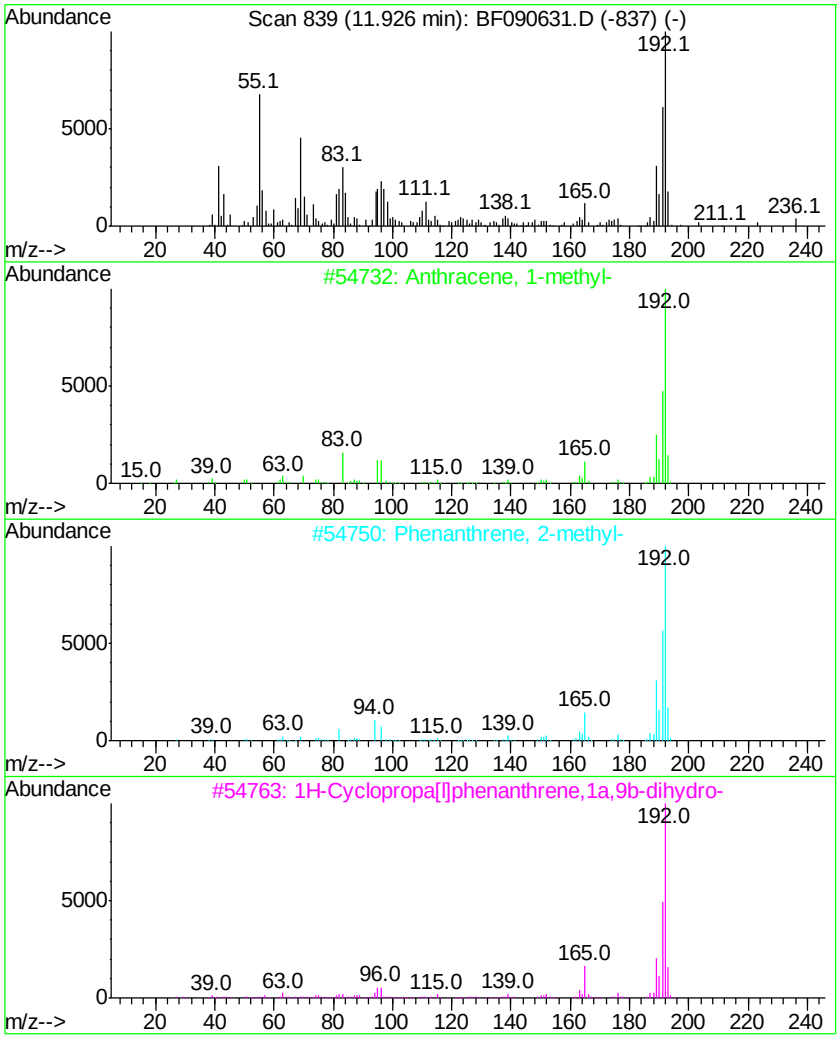
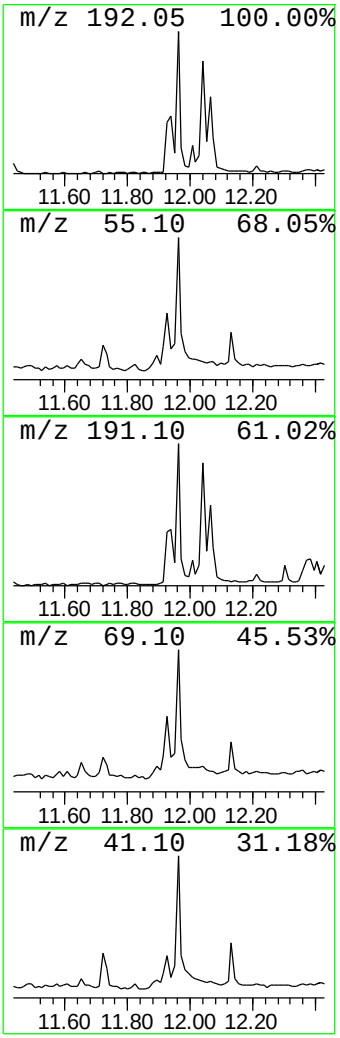
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.19 ng	223330	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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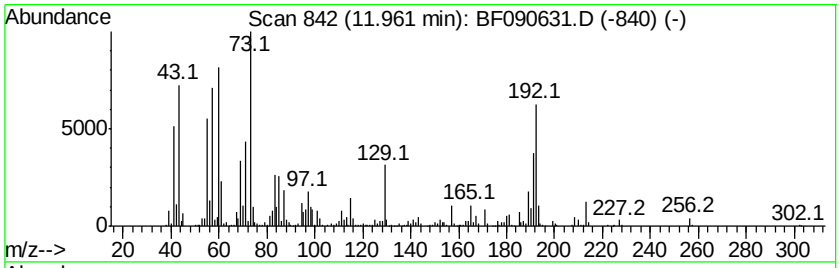
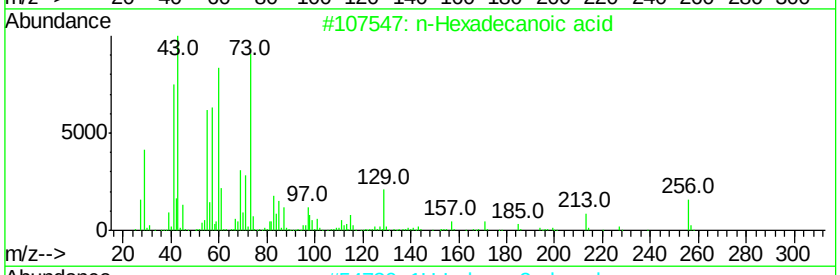
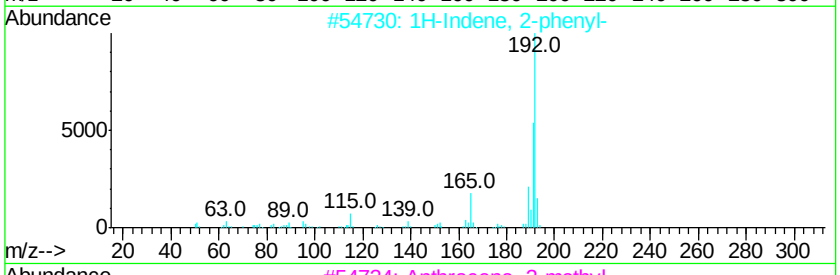
Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

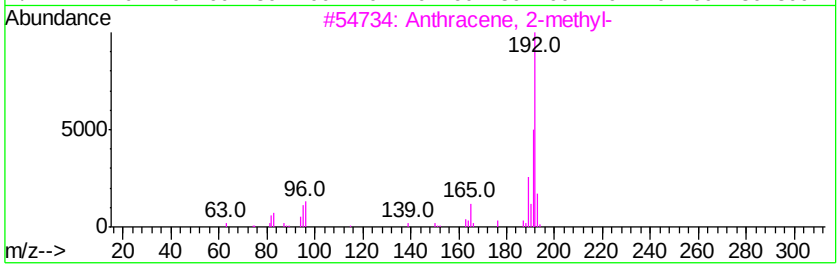
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	7.18 ng	731438	Phenanthrene-d10	11.43

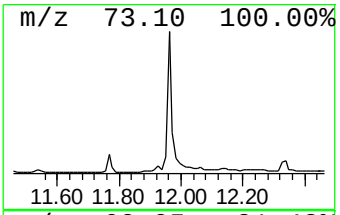
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59

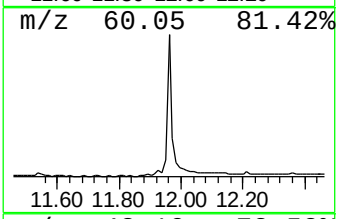


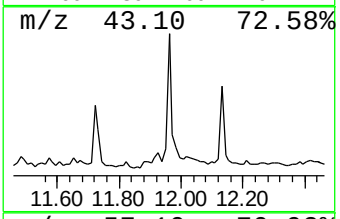


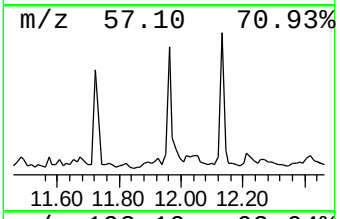


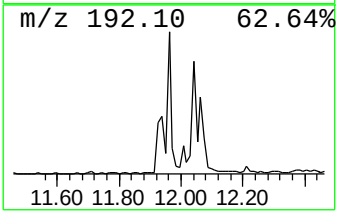












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Data File : BF090631.D
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Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

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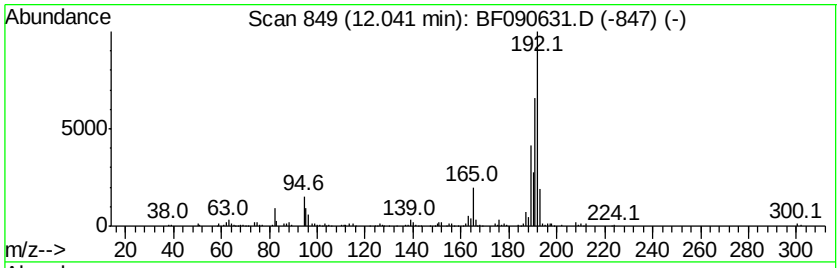
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

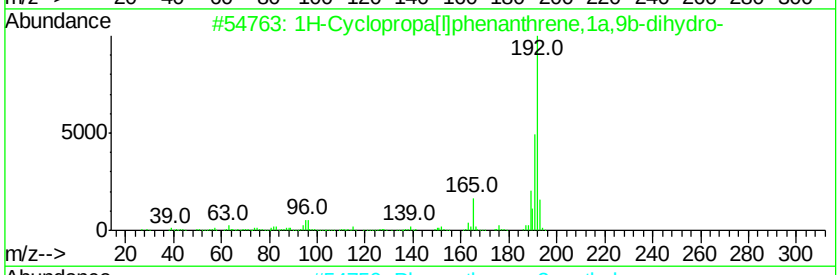
****

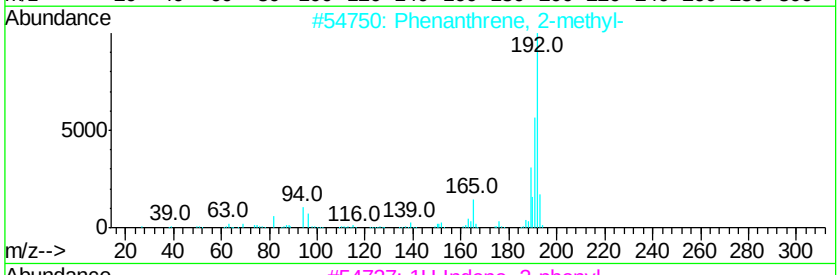
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

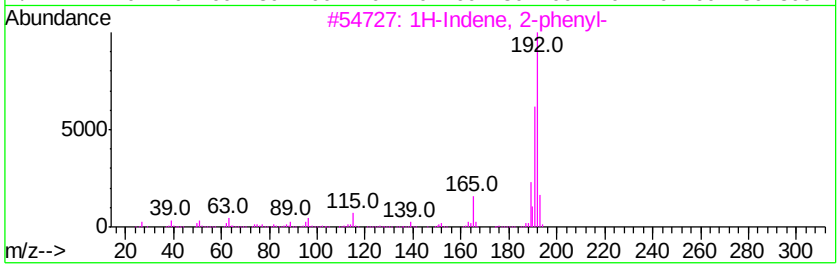
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.10 ng	315952	Phenanthrene-d10	11.43

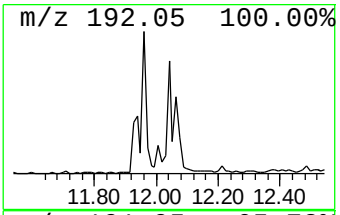
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86

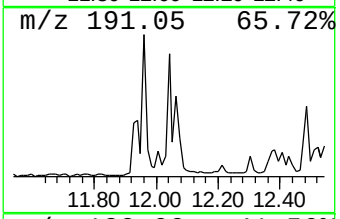


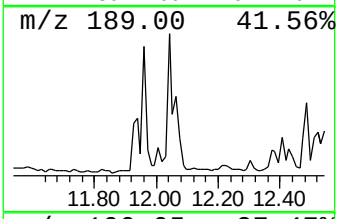


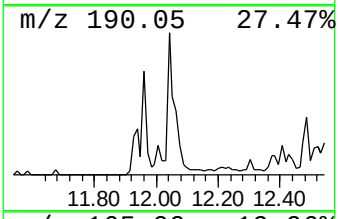


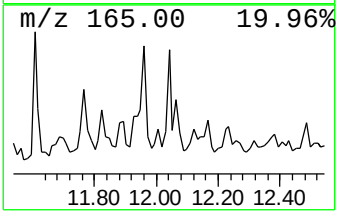












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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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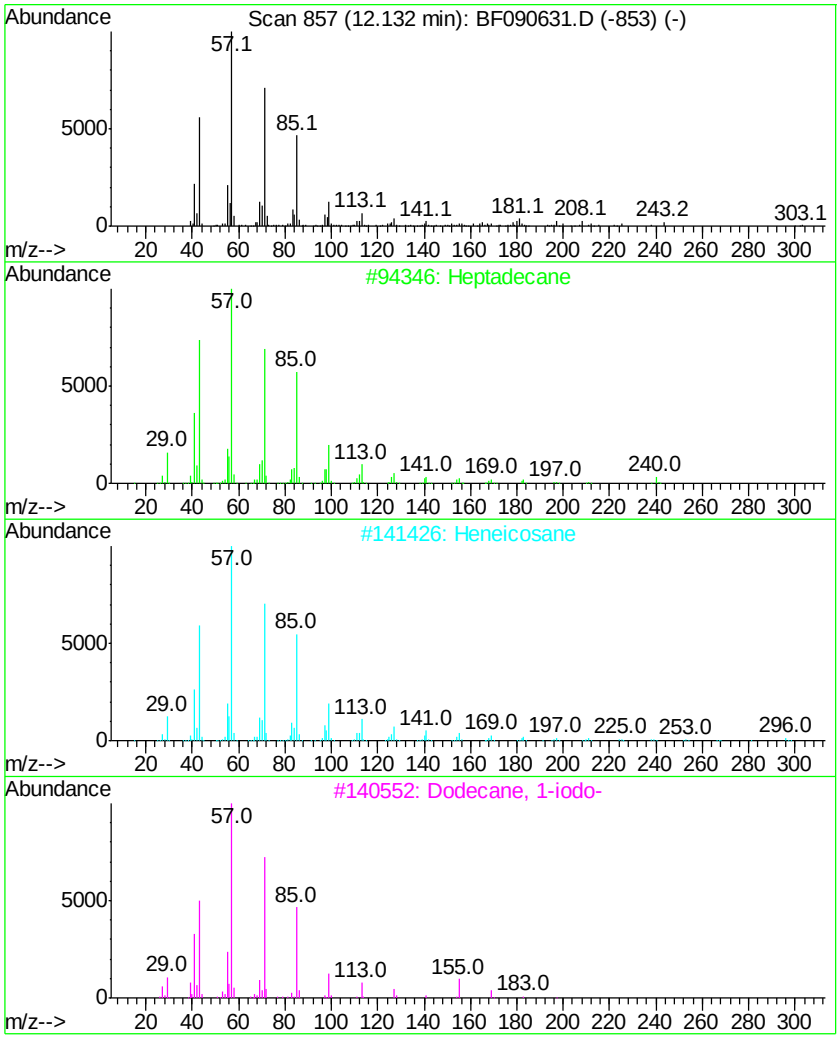
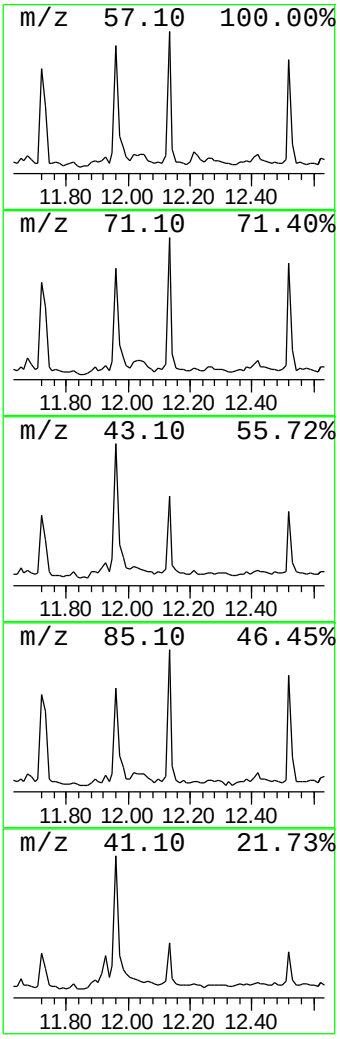
Peak Number 15 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.22 ng	226263	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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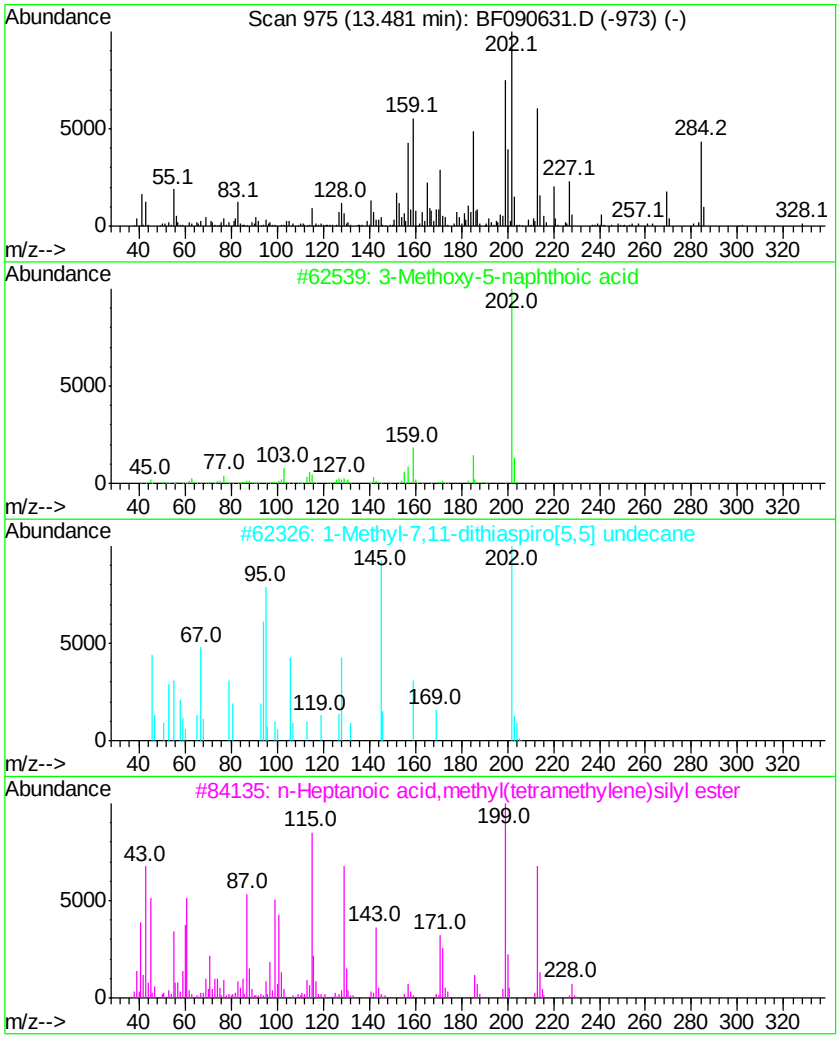
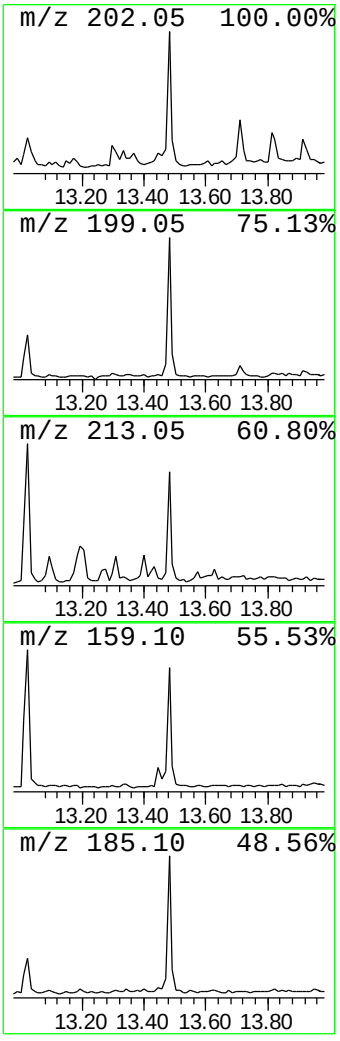
Peak Number 16 unknown13.48 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.60 ng	321306	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	42
2	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	25
3	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	18
4	4-Hydroxyamino-6-phenylpyrimidin...	202	C10H10N4O	1000111-25-2	15
5	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	15





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Data File : BF090631.D
Acq On : 18 Oct 2016 16:46
Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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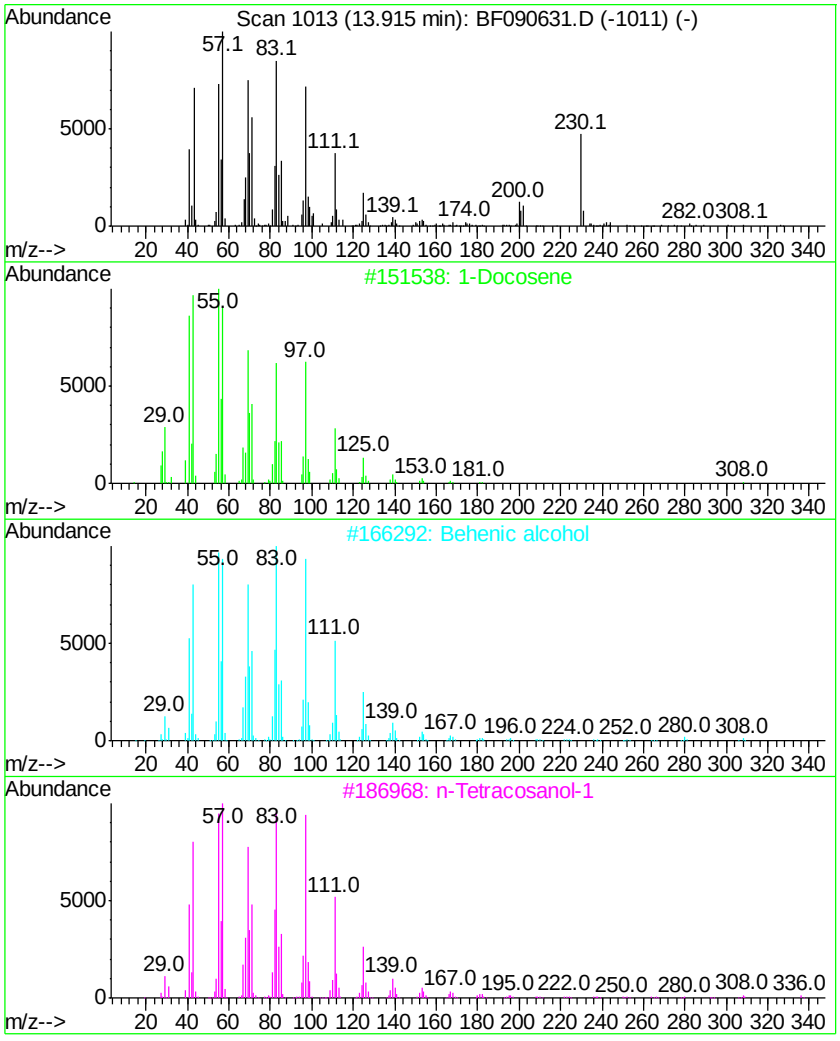
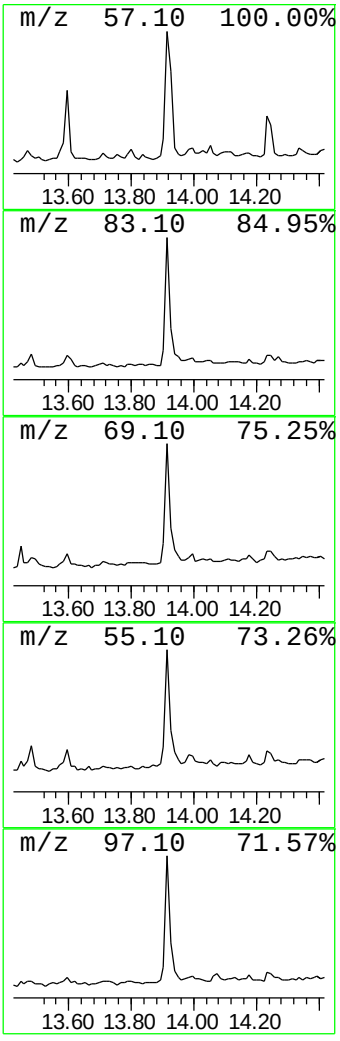
Peak Number 17 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.31 ng	408895	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Behenic alcohol	326	C22H46O	000661-19-8	76
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	76
5	1-Nonadecene	266	C19H38	018435-45-5	68





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Data File : BF090631.D
Acq On : 18 Oct 2016 16:46
Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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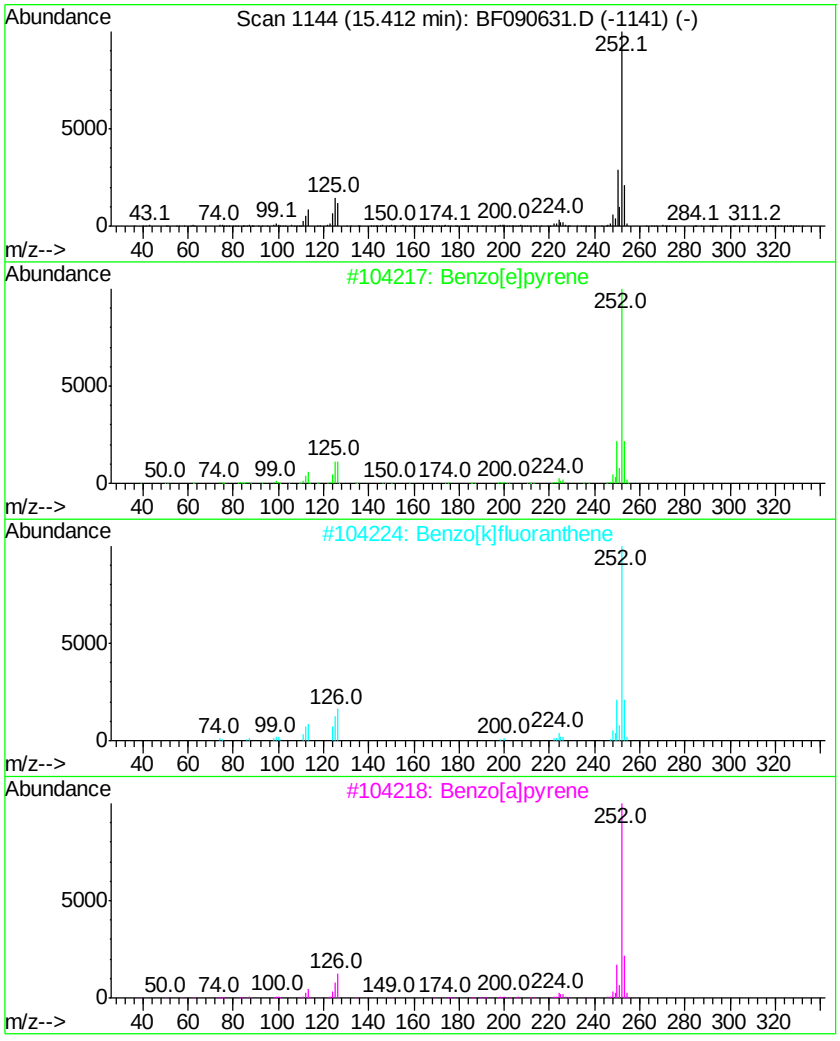
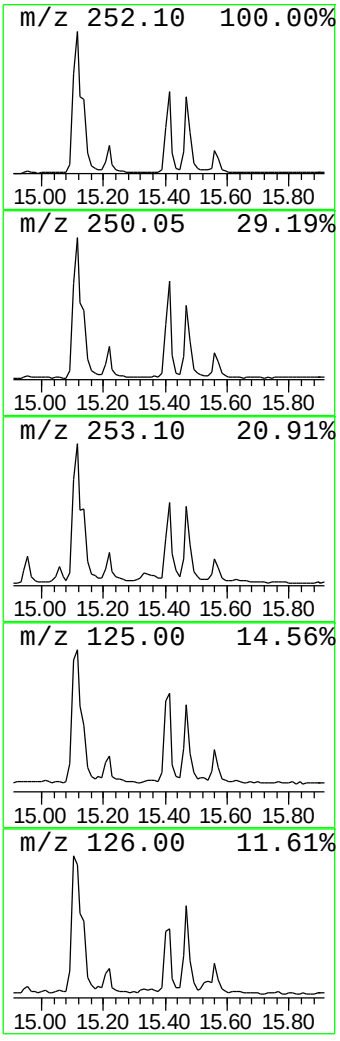
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	5.13 ng	417561	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090631.D
Acq On : 18 Oct 2016 16:46
Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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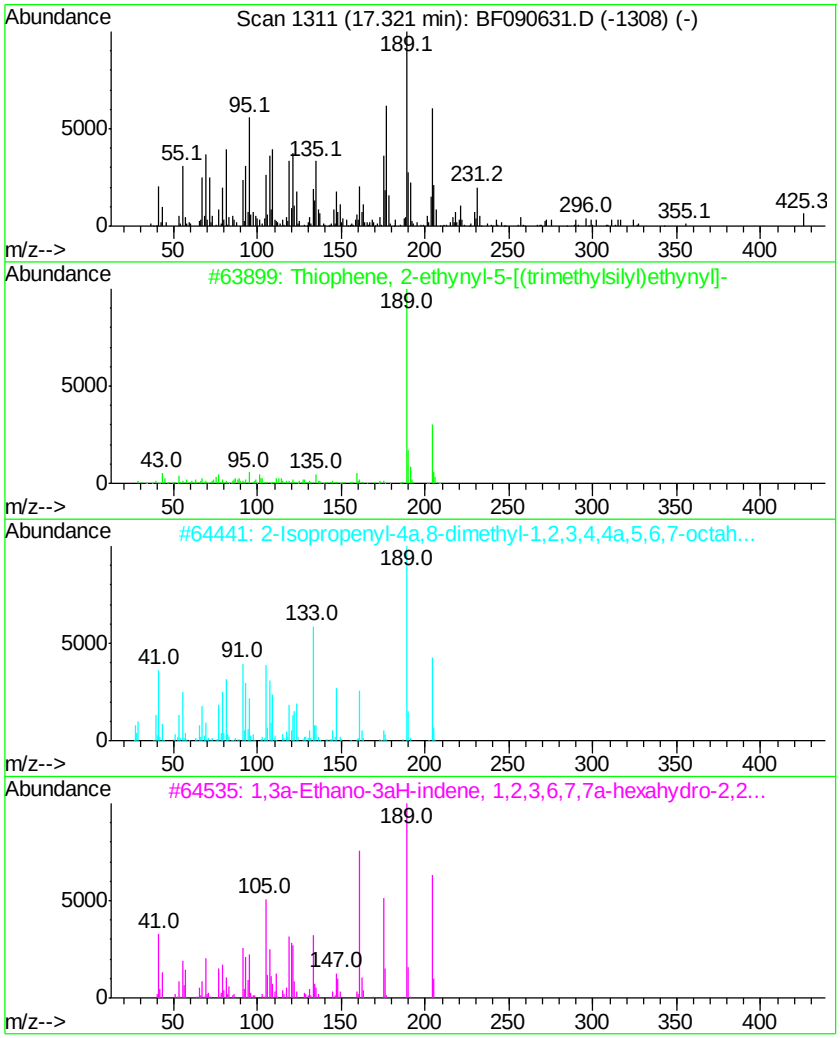
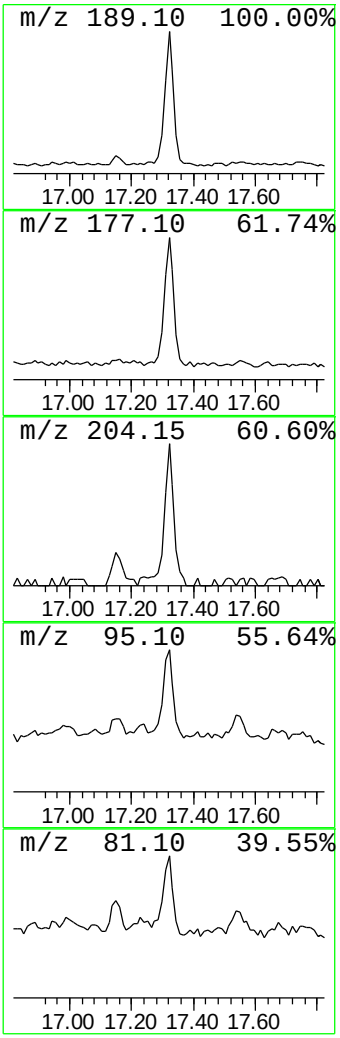
Peak Number 20 unknown17.32 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	4.18 ng	340755	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	46
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	45
3	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	43
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	35
5	.delta.-Selinene	204	C15H24	028624-23-9	35





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF101816\
Data File : BF090631.D
Acq On : 18 Oct 2016 16:46
Operator : UM/SJ
Sample : H5289-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	21.3	ng	1443510	1	6.90	1354180	20.0
unknown6.67	6.67	78.3	ng	5300030	1	6.90	1354180	20.0
Benzene, 1,2,3-tr...	6.73	3.4	ng	232623	1	6.90	1354180	20.0
Naphthalene, 1-me...	9.00	2.2	ng	241442	2	8.19	2167680	20.0
Naphthalene, 2,3-...	9.61	3.1	ng	334952	3	9.95	2135250	20.0
Decane, 2,3,5-tri...	9.88	2.4	ng	256273	3	9.95	2135250	20.0
unknown10.28	10.28	2.4	ng	258576	3	9.95	2135250	20.0
unknown10.37	10.37	3.4	ng	364180	3	9.95	2135250	20.0
Tridecane, 5-propyl-	10.86	6.2	ng	632845	4	11.43	2037680	20.0
Heneicosane	11.30	2.3	ng	238402	4	11.43	2037680	20.0
Anthracene, 1-met...	11.93	2.2	ng	223330	4	11.43	2037680	20.0
n-Hexadecanoic acid	11.96	7.2	ng	731438	4	11.43	2037680	20.0
1H-Cyclopropa[l]p...	12.04	3.1	ng	315952	4	11.43	2037680	20.0
Heptadecane	12.13	2.2	ng	226263	4	11.43	2037680	20.0
unknown13.48	13.48	2.6	ng	321306	5	14.08	2468830	20.0
1-Docosene	13.92	3.3	ng	408895	5	14.08	2468830	20.0
Benzo[e]pyrene	15.41	5.1	ng	417561	6	15.54	1629040	20.0
unknown17.32	17.32	4.2	ng	340755	6	15.54	1629040	20.0