LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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-BF102616.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	5.767	319	322	324	rBV2	19400	30486	1.53%	0.166%
2	5.916	332	335	337	rVB2	24786	33759	1.69%	0.184%
3	5.962	337	339	342	rBV2	13183	27272	1.37%	0.148%
4	6.007	342	343	347	rVV2	37722	71532	3.58%	0.390%
5	6.076	347	349	350	rVV	21378	34010	1.70%	0.185%
6	6.099	350	351	357	rVB4	14418	40795	2.04%	0.222%
7	6.202	357	360	362	rBV	25993	38987	1.95%	0.212%
8	6.293	367	368	370	rBV	29708	36323	1.82%	0.198%
9	6.396	373	377	378	rBV2	15961	39704	1.99%	0.216%
10	6.442	378	381	382	rVB3	32537	54067	2.71%	0.294%
11	6.465	382	383	385	rVB	22841	24592	1.23%	0.134%
12	6.545	385	390	394	rBV4	48050	124010	6.21%	0.675%
13	6.625	394	397	399	rVB3	20803	39427	1.98%	0.215%
14	6.739	399	407	408	rBV5	31411	101630	5.09%	0.553%
15	6.773	408	410	414	rVV	840728	870564	43.62%	4.740%
16	6.842	414	416	417	rVV	39821	56480	2.83%	0.308%
17	6.876	417	419	420	rVV2	30004	54364	2.72%	0.296%
18	6.899	420	421	422	rVV	64243	72109	3.61%	0.393%
19	6.933	422	424	425	rVV	75891	102677	5.14%	0.559%
20	7.013	428	431	432	rBV2	24708	47339	2.37%	0.258%
21	7.059	432	435	437	rVB	55898	88867	4.45%	0.484%
22	7.127	439	441	442	rVV	45745	33865	1.70%	0.184%
23	7.173	442	445	446	rVV2	46072	55867	2.80%	0.304%
24	7.219	446	449	451	rVV3	24878	58610	2.94%	0.319%
25	7.310	454	457	460	rVV3	41560	104843	5.25%	0.571%
26	7.379	460	463	465	rVB3	27421	70986	3.56%	0.387%
27	7.425	465	467	469	rBV2	76967	112676	5.65%	0.614%
28	7.505	469	474	476	rVV3	34599	85426	4.28%	0.465%
29	7.539	476	477	479	rVV2	40100	69196	3.47%	0.377%
30	7.585	479	481	483	rVB	112901	128950	6.46%	0.702%
31	7.699	490	491	494	rVB2	65126	71235	3.57%	0.388%
32	7.756	494	496	497	rBV2	25587	33781	1.69%	0.184%
33	7.813	500	501	503	rVV2	39070	60139	3.01%	0.327%
34	7.893	505	508	510	rVB3	47632	79462	3.98%	0.433%

LSC Area Percent Report

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Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.950	510	513	516	rBV3	37256	86942	4.36%	0.473%
36	8.019	516	519	520	rBV2	27874	52465	2.63%	0.286%
37	8.065	520	523	525	rBV	1434364	1348608	67.57%	7.343%
38	8.133	528	529	530	rVV	106455	95338	4.78%	0.519%
39	8.156	530	531	535	rVB	133977	176414	8.84%	0.961%
40	8.236	535	538	539	rBV2	41345	67439	3.38%	0.367%
41	8.270	539	541	543	rVB2	57234	53214	2.67%	0.290%
42	8.362	545	549	550	rBV3	64634	116133	5.82%	0.632%
43	8.419	552	554	556	rBV2	127431	104148	5.22%	0.567%
44	8.499	560	561	566	rVB3	81348	172586	8.65%	0.940%
45	8.568	566	567	568	rBV	29488	25014	1.25%	0.136%
46	8.613	568	571	574	rBV3	51080	96261	4.82%	0.524%
47	8.682	575	577	579	rBV3	36645	66577	3.34%	0.363%
48	8.762	582	584	586	rVB	77382	95899	4.80%	0.522%
49	8.808	586	588	590	rBV3	21110	41240	2.07%	0.225%
50	8.888	592	595	599	rVB4	84863	176336	8.83%	0.960%
51	8.945	599	600	602	rBV2	36554	52096	2.61%	0.284%
52	8.979	602	603	605	rBV2	32261	58389	2.93%	0.318%
53	9.093	611	613	616	rBV4	129434	205433	10.29%	1.119%
54	9.185	619	621	622	rVV2	33512	46254	2.32%	0.252%
55	9.219	622	624	627	rVB4	92453	153901	7.71%	0.838%
56	9.276	627	629	633	rBV3	64058	166435	8.34%	0.906%
57	9.345	633	635	637	rVB2	106999	102396	5.13%	0.558%
58	9.413	637	641	643	rBV3	70731	115794	5.80%	0.631%
59	9.482	644	647	648	rVV3	84345	109306	5.48%	0.595%
60	9.551	650	653	654	rVB2	161241	200904	10.07%	1.094%
61	9.688	662	665	667	rBV4	56746	124904	6.26%	0.680%
62	9.733	667	669	670	rVB	115593	112917	5.66%	0.615%
63	9.768	670	672	673	rBV2	37102	42563	2.13%	0.232%
64	9.813	674	676	678	rVV	1467775	1692326	84.79%	9.215%
65	9.848	678	679	681	rVV2	105704	135037	6.77%	0.735%
66	9.893	681	683	684	rVV2	51679	74110	3.71%	0.404%
67	9.928	684	686	688	rVB	105677	142467	7.14%	0.776%
68	9.985	688	691	692	rBV3	37898	84908	4.25%	0.462%
69	10.019	692	694	696	rBV2	120777	126653	6.35%	0.690%
70	10.065	696	698	699	rBV	60885	63850	3.20%	0.348%
71	10.133	702	704	706	rBV	117545	187140	9.38%	1.019%

LSC Area Percent Report

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Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.225	710	712	715	rVB3	100819	159263	7.98%	0.867%
73	10.316	715	720	722	rBV6	71620	201411	10.09%	1.097%
74	10.362	722	724	725	rBV2	42839	49076	2.46%	0.267%
75	10.476	733	734	736	rVB	123425	117328	5.88%	0.639%
76	10.522	736	738	740	rVB3	44543	85316	4.27%	0.465%
77	10.591	740	744	747	rBV5	81646	211169	10.58%	1.150%
78	10.739	755	757	760	rVB2	161561	239201	11.98%	1.302%
79	10.796	760	762	763	rBV	135746	184067	9.22%	1.002%
80	10.831	763	765	766	rVV2	118705	140958	7.06%	0.768%
81	10.865	766	768	771	rVV3	69281	147751	7.40%	0.805%
82	10.945	773	775	776	rVV	47657	52021	2.61%	0.283%
83	11.151	791	793	795	rBV2	53723	100899	5.06%	0.549%
84	11.208	795	798	801	rVV2	172191	274173	13.74%	1.493%
85	11.299	804	806	812	rBV	1643394	1651384	82.74%	8.992%
86	11.802	848	850	851	rBV2	61577	94017	4.71%	0.512%
87	11.916	857	860	865	rVB6	88095	237445	11.90%	1.293%
88	12.282	890	892	896	rVB2	94304	175375	8.79%	0.955%
89	12.351	896	898	900	rBV2	79182	108649	5.44%	0.592%
90	12.511	910	912	914	rBV	106918	136844	6.86%	0.745%
91	12.739	930	932	936	rBV	126556	205302	10.29%	1.118%
92	12.888	943	945	947	rBV	128588	161912	8.11%	0.882%
93	13.254	975	977	979	rBV3	89965	135410	6.78%	0.737%
94	13.562	1003	1004	1006	rVB	141846	157203	7.88%	0.856%
95	13.940	1034	1037	1039	rBV2	1752684	1995992	100.00%	10.868%
96	14.477	1083	1084	1086	rVB	169739	161913	8.11%	0.882%
97	15.345	1158	1160	1163	rBV	827100	1154311	57.83%	6.285%
98	15.997	1215	1217	1223	rVB3	64148	155233	7.78%	0.845%
99	16.408	1250	1253	1260	rVB	58211	144934	7.26%	0.789%

Sum of corrected areas: 18364984

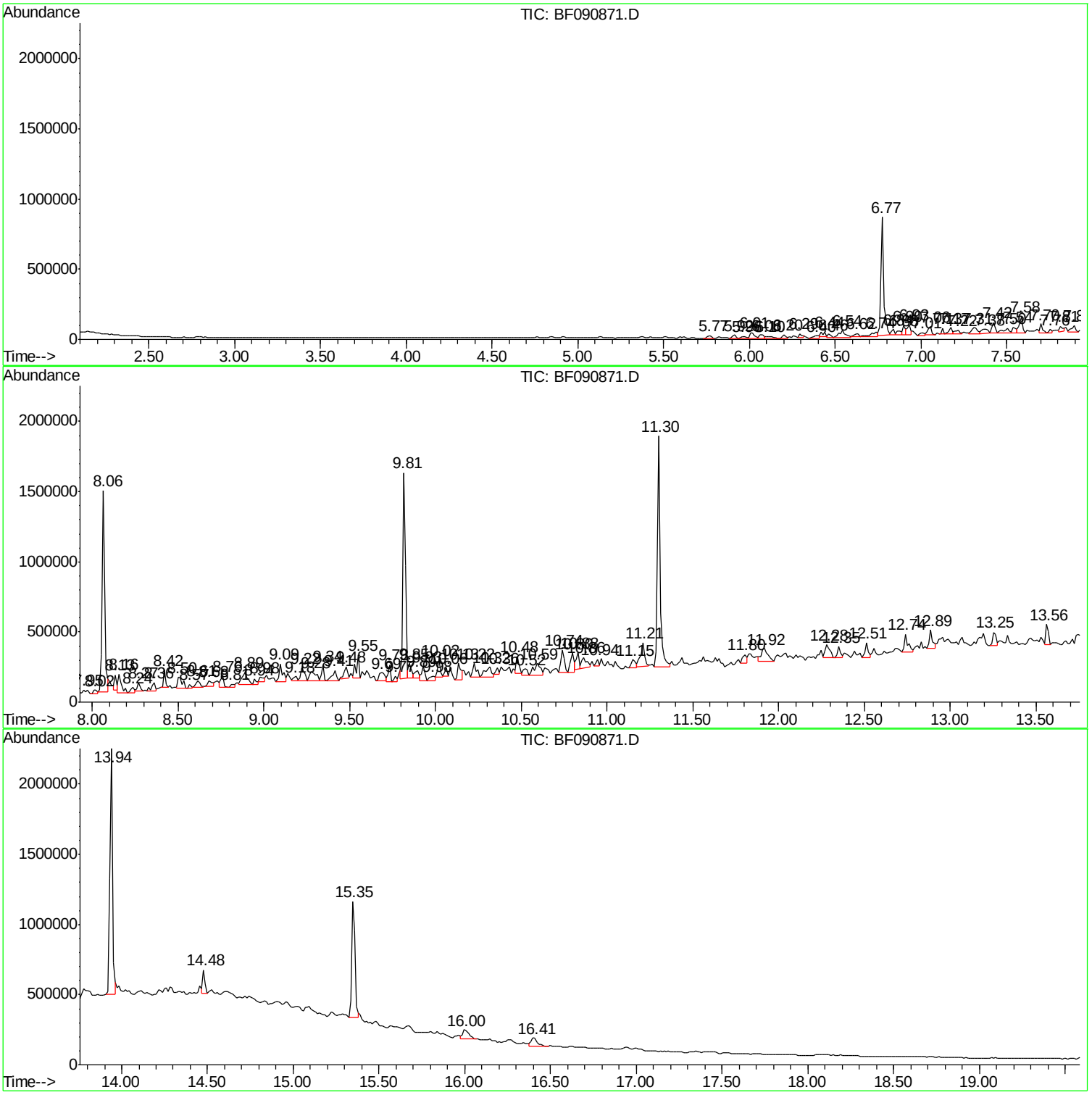
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

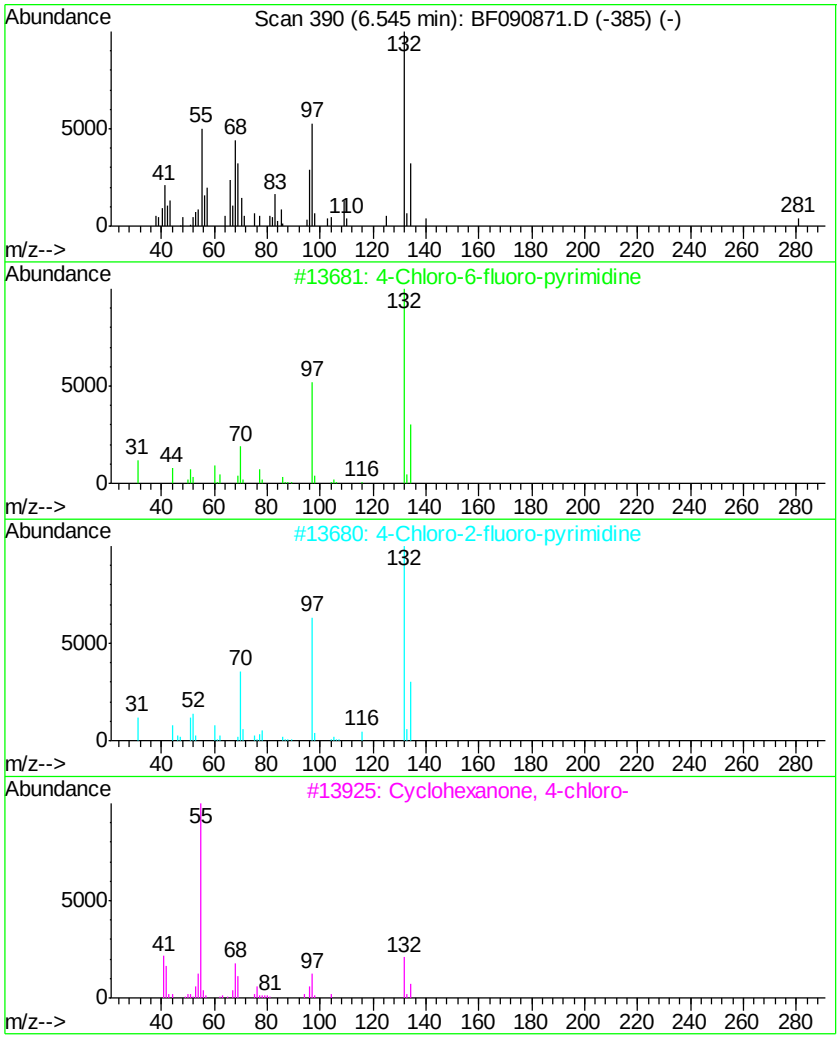
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

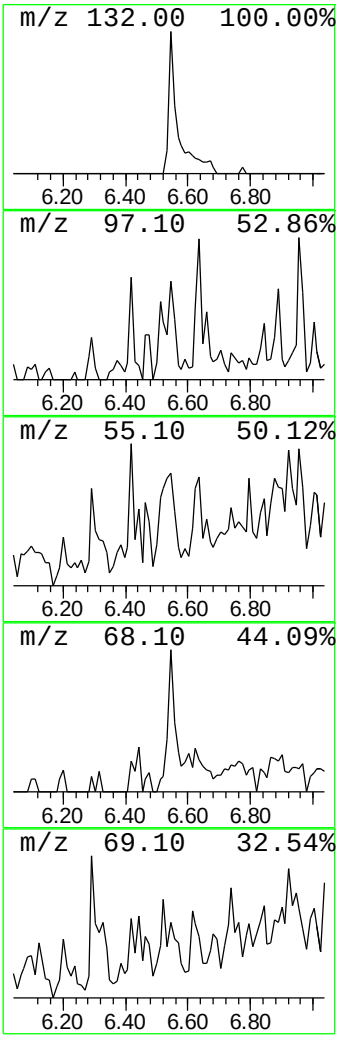
****

Peak Number 1 unknown6.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	2.85 ng	124010	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	38
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	35
3	Cyclohexanone, 4-chloro-	132	C6H9ClO	021299-26-3	32
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	2-Butenoic acid, 2-cyano-3-methy...	153	C8H11NO2	000759-58-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

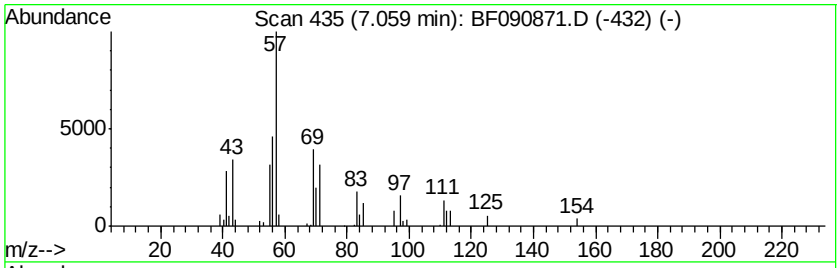
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

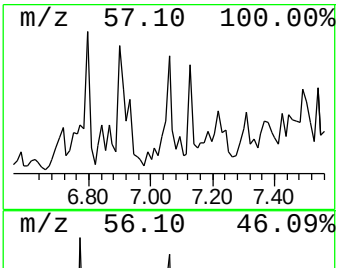
****

Peak Number 3 Pentane, 3-ethyl-2,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	2.04 ng	88867	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	45
3	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	43
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38





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Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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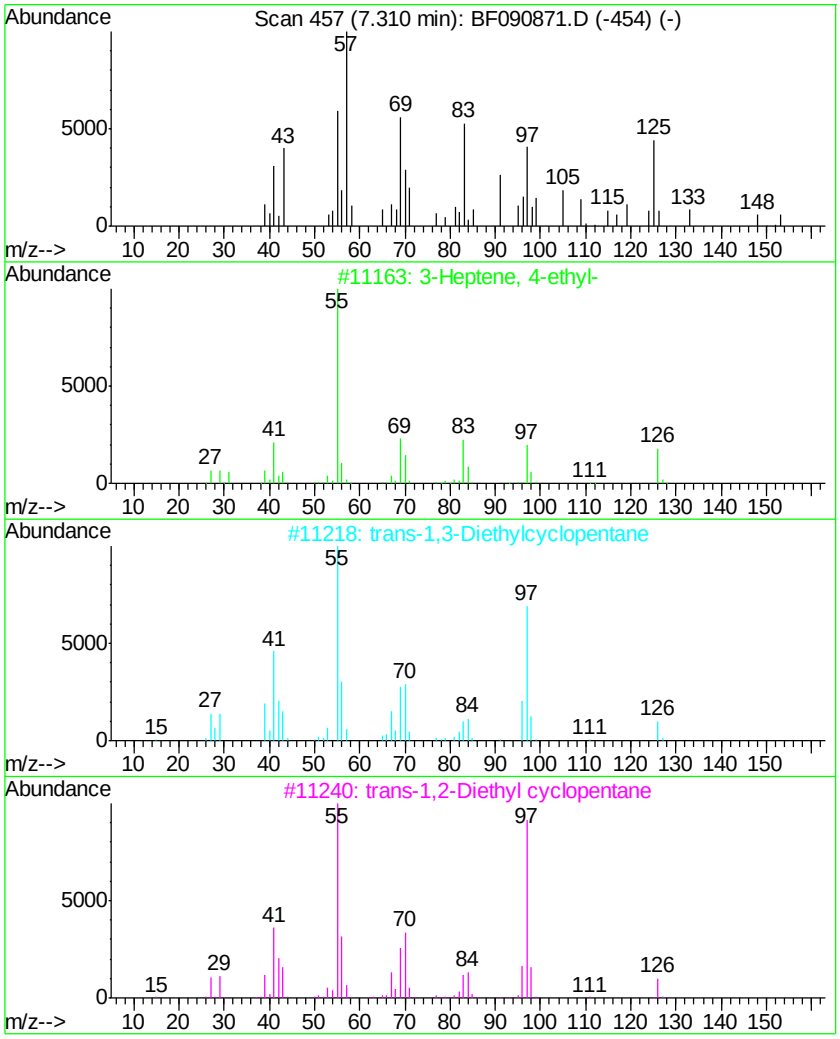
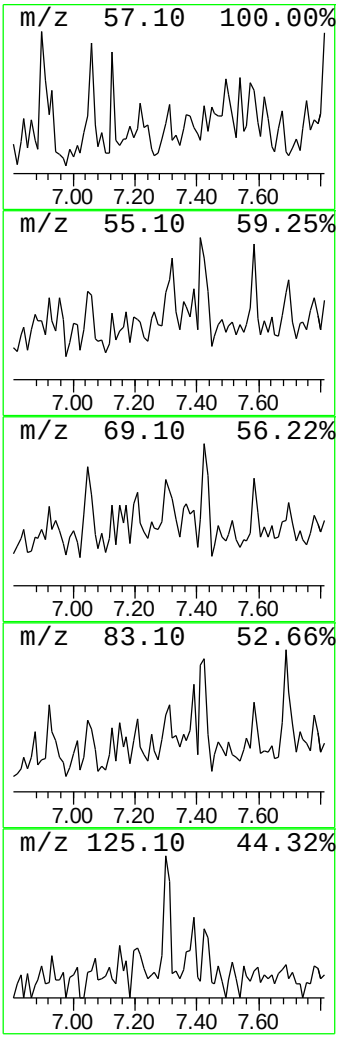
Peak Number 4 unknown7.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	2.41 ng	104843	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	35
2	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	18
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	14
4	Cyclohexanone, 2-ethyl-2-propyl-	168	C11H20O	055283-56-2	14
5	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

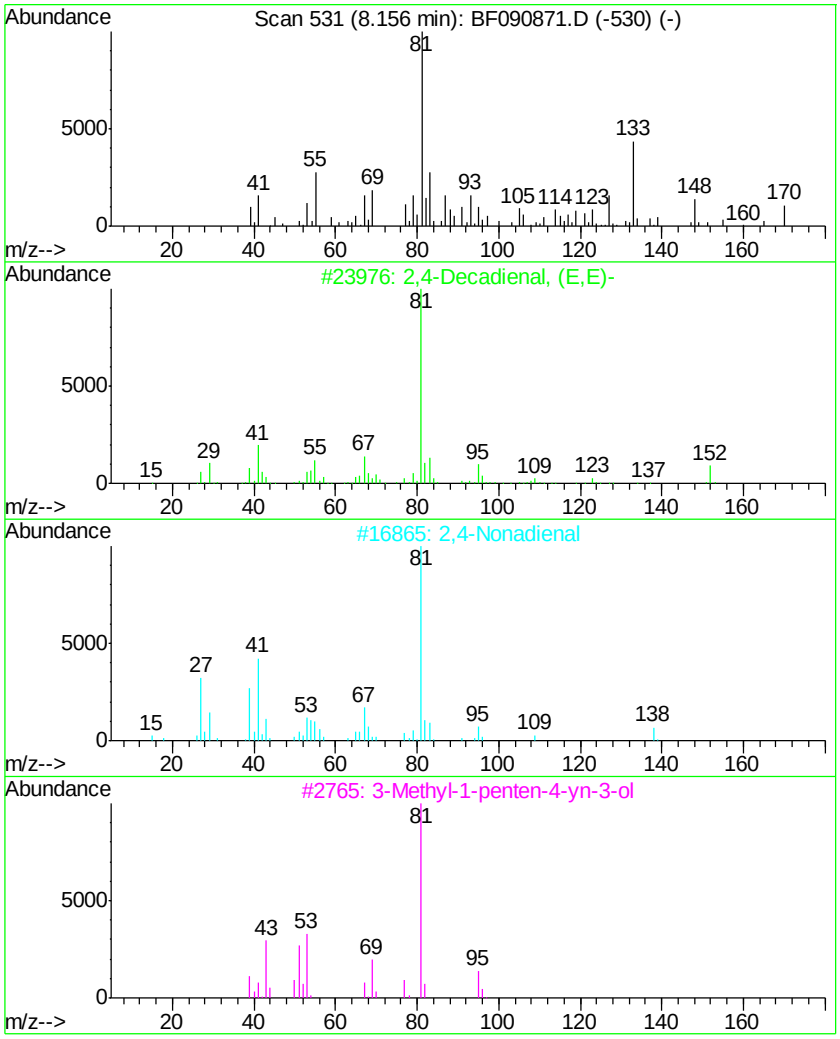
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

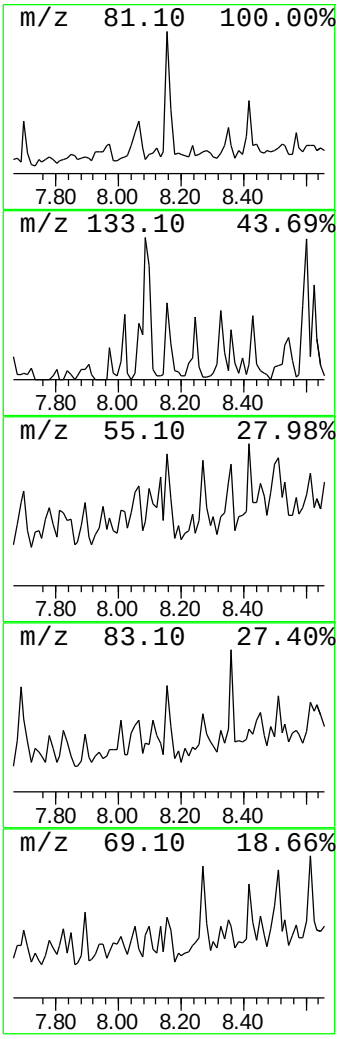
****

Peak Number 5 unknown8.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.62 ng	176414	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	38
2	2,4-Nonadienal	138	C9H14O	006750-03-4	38
3	3-Methyl-1-penten-4-yn-3-ol	96	C6H8O	003230-69-1	35
4	Furan, 2-hexyl-	152	C10H16O	003777-70-6	35
5	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

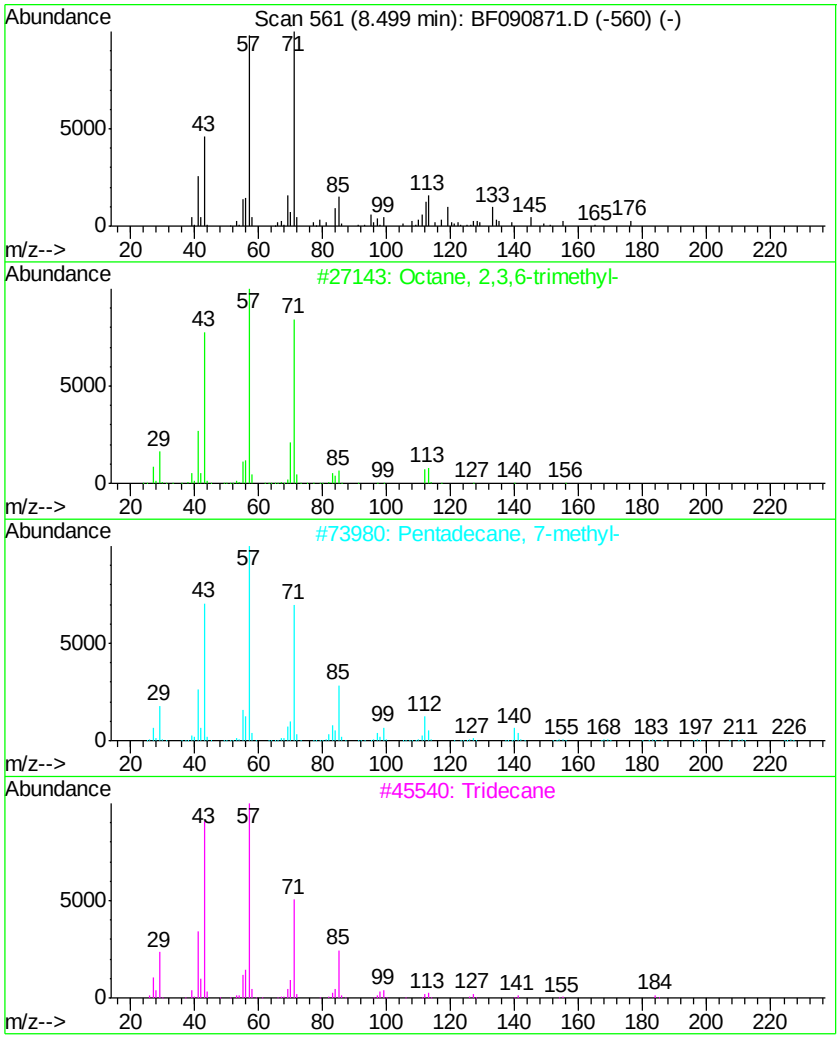
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

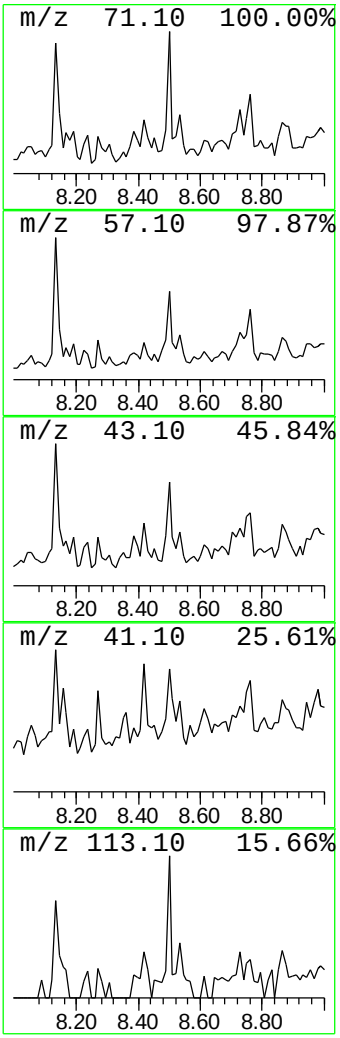
****

Peak Number 6 Octane, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	2.56 ng	172586	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	50
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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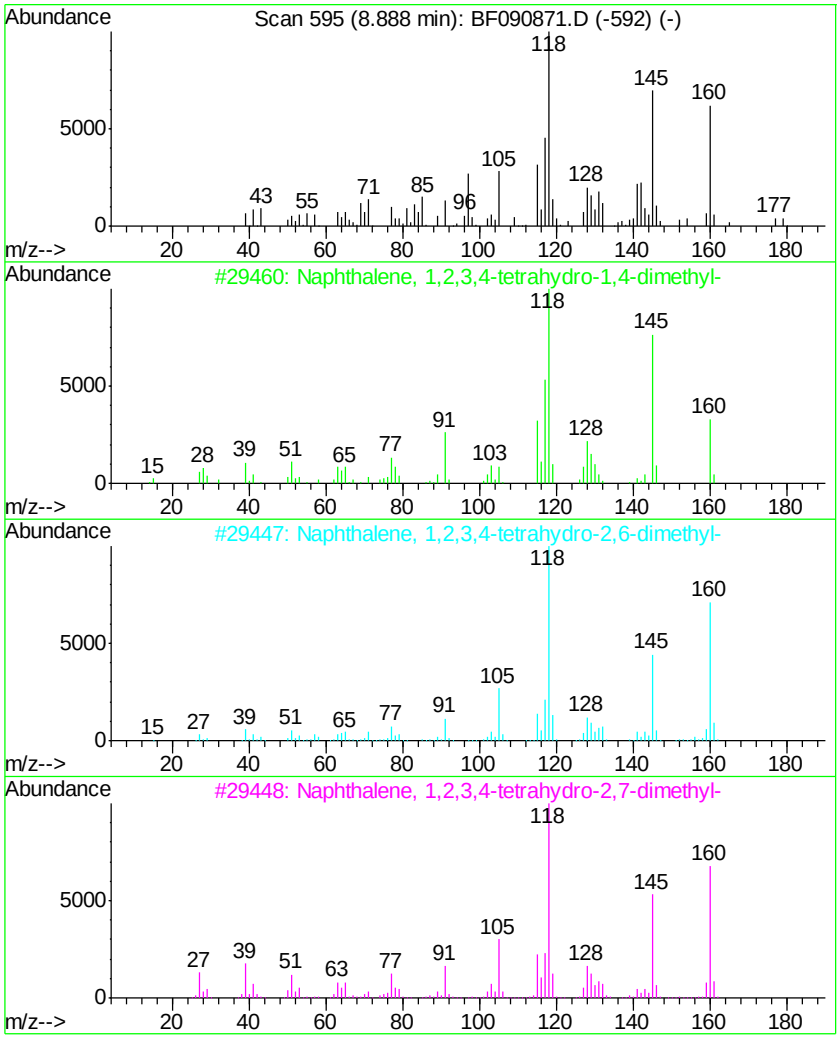
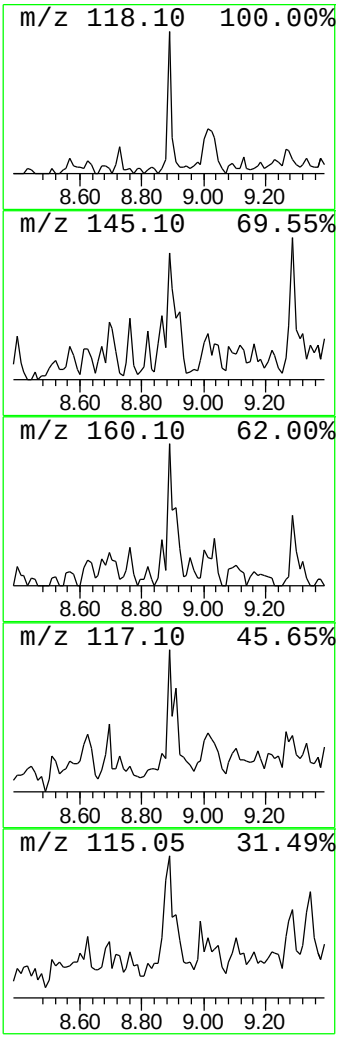
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	2.62 ng	176336	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	49
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	41





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Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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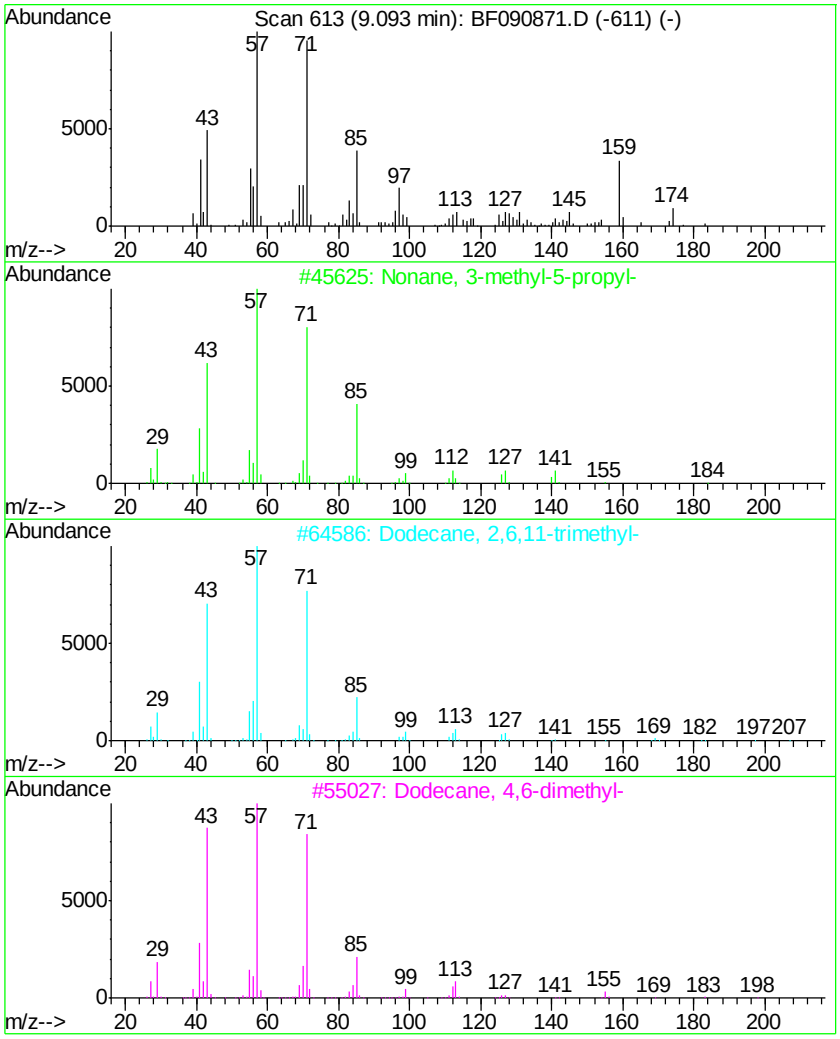
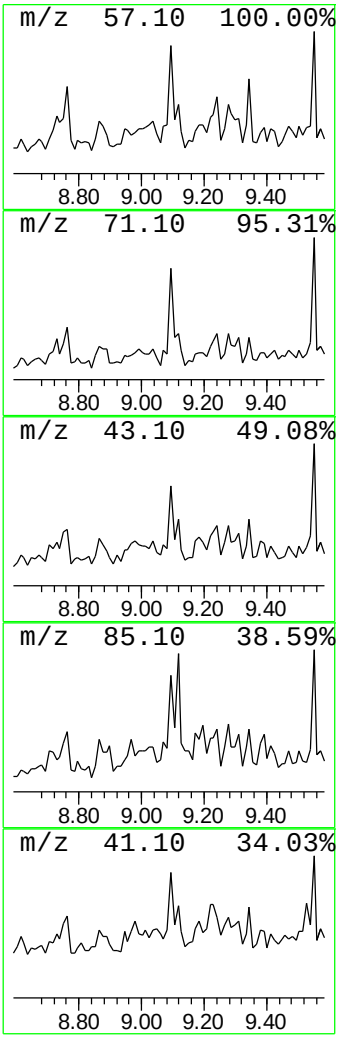
Peak Number 8 Nonane, 3-methyl-5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.43 ng	205433	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47
4	Heptacosane	380	C27H56	000593-49-7	43
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43





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ClientSampleId : MW-104S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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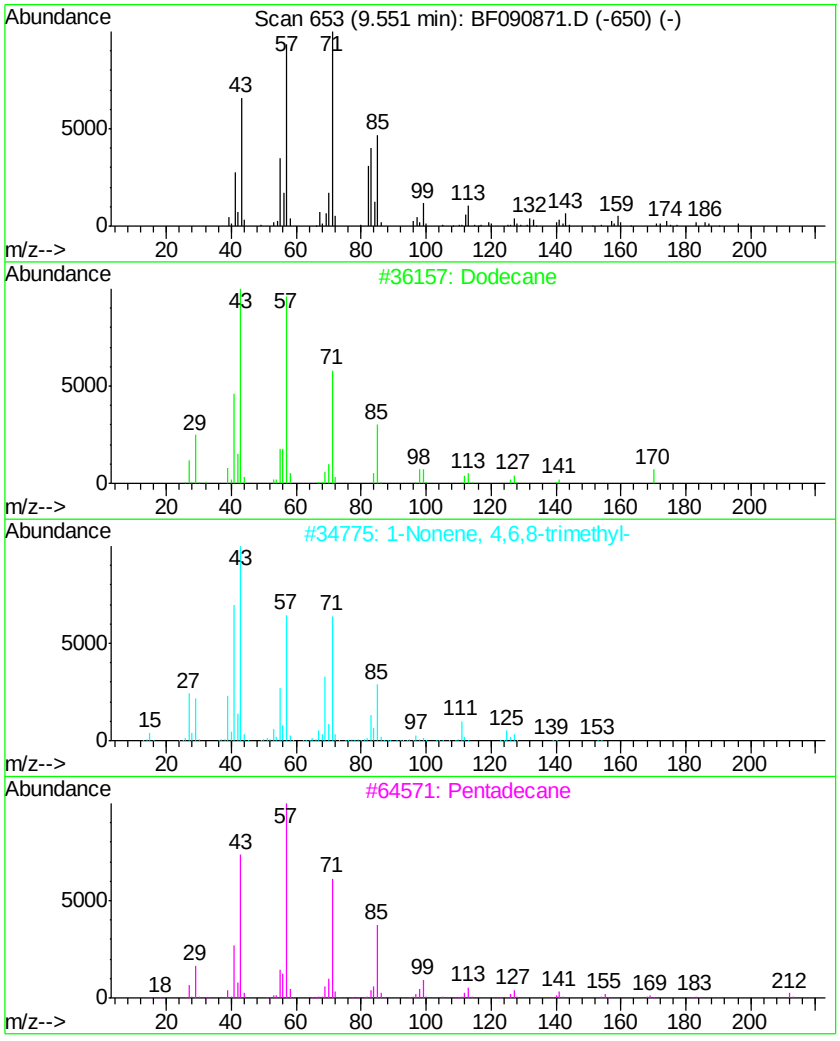
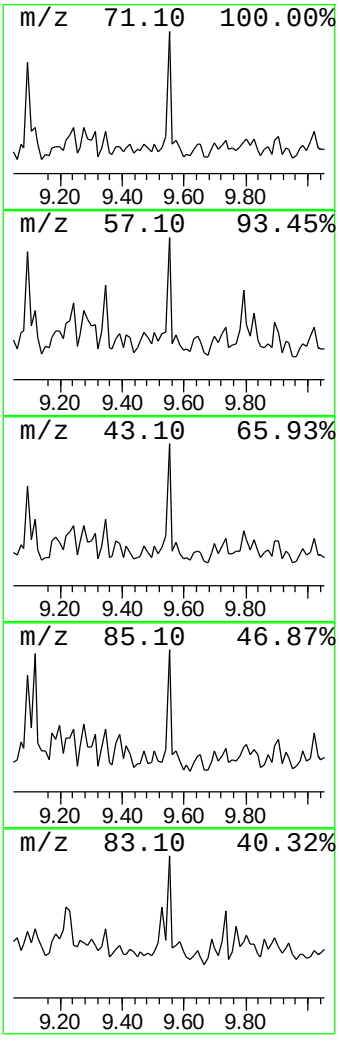
Peak Number 9 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.37 ng	200904	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	53
2	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	53
3	Pentadecane	212	C15H32	000629-62-9	47
4	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	43
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43





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

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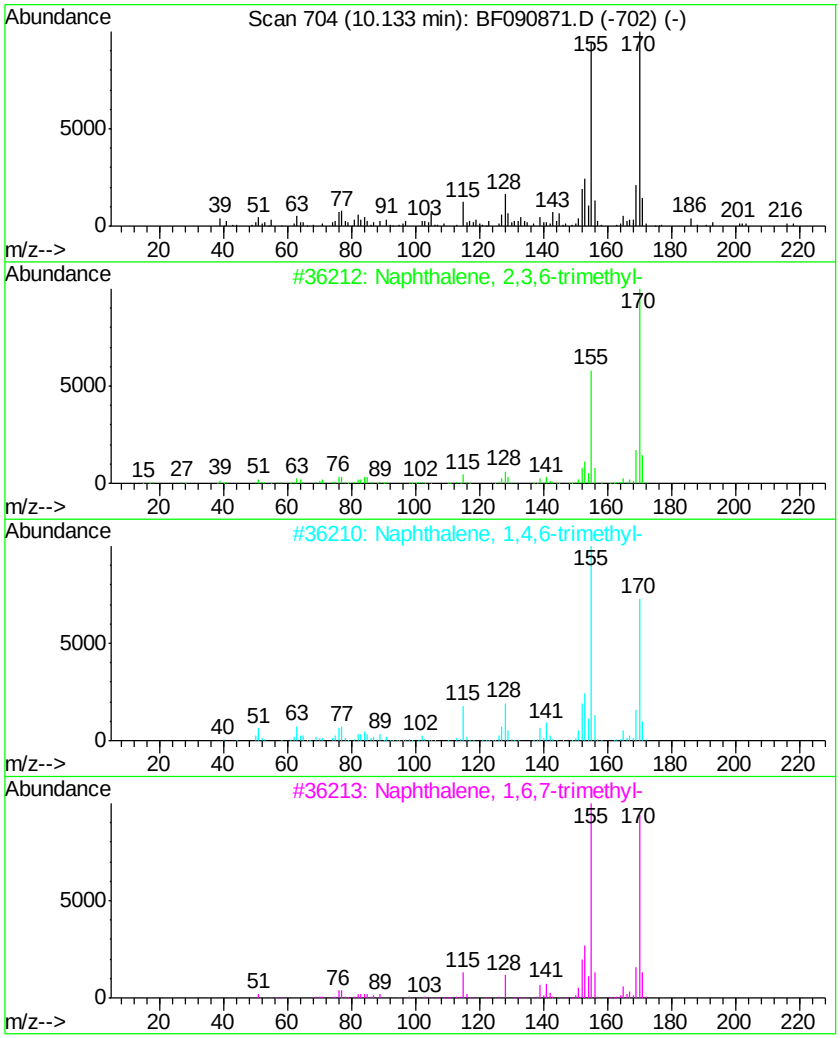
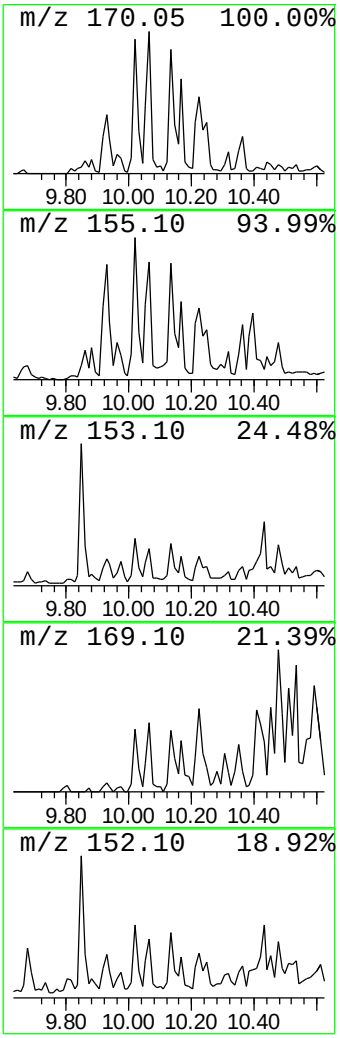
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.21 ng	187140	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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ClientSampleId : MW-104S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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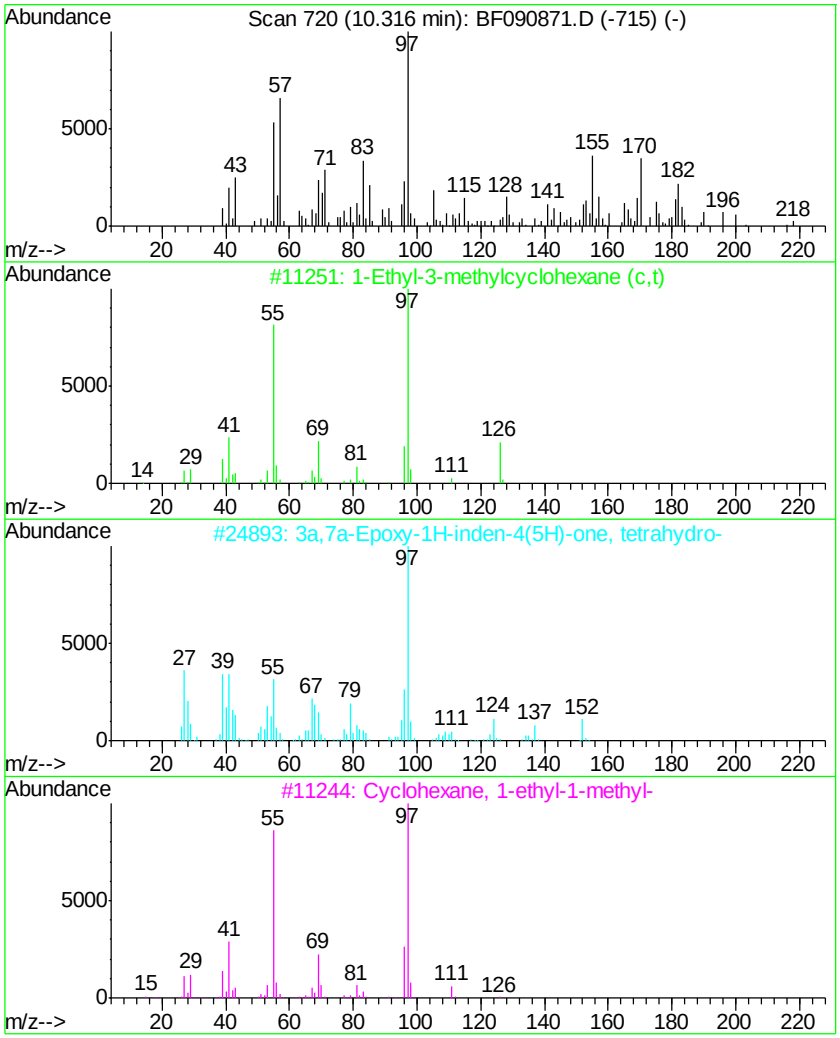
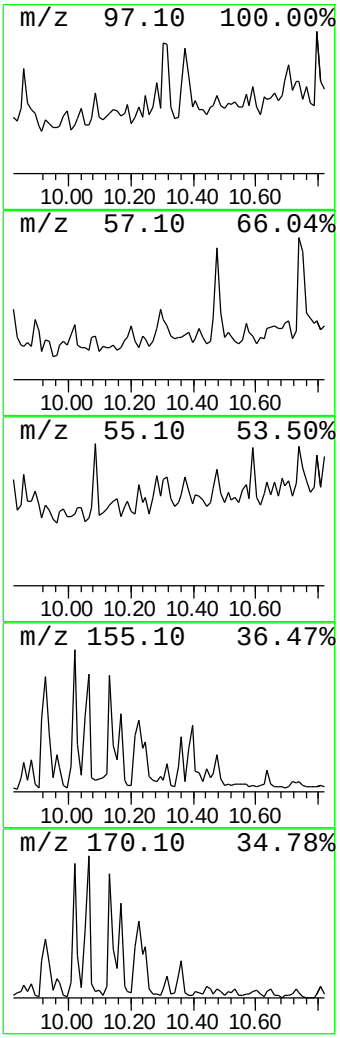
Peak Number 11 unknown10.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.38 ng	201411	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	38
2	3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	38
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	35
4	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	35
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	35





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

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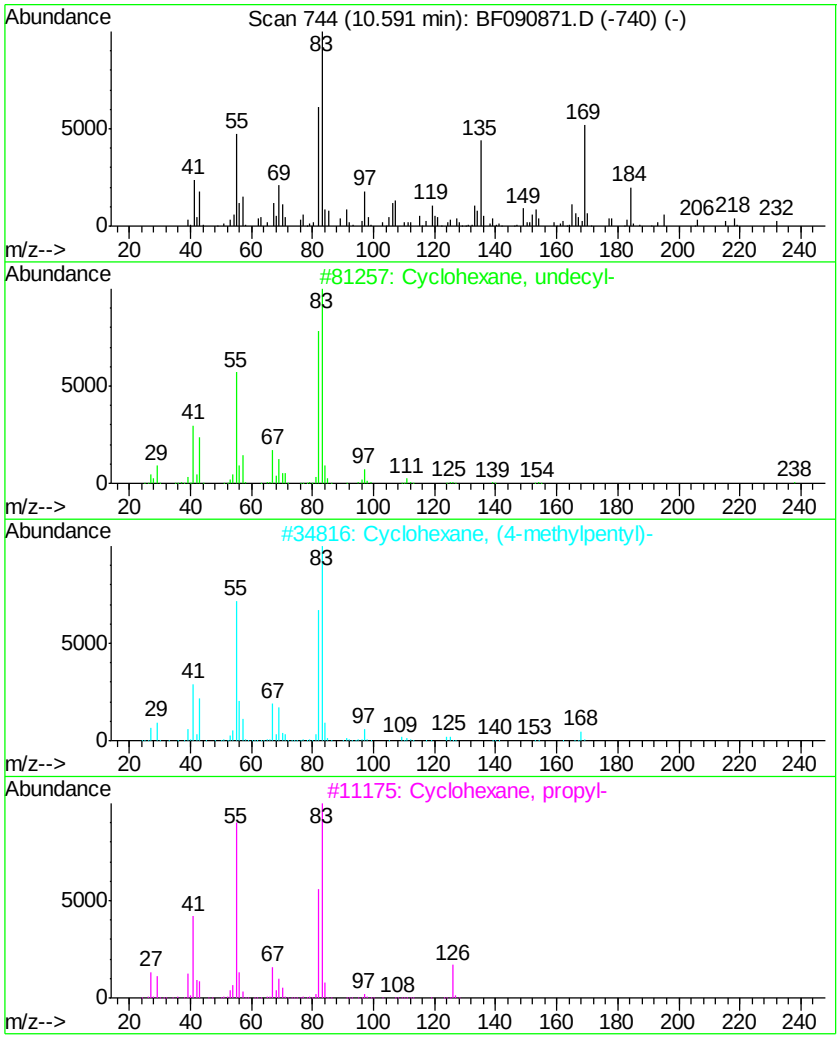
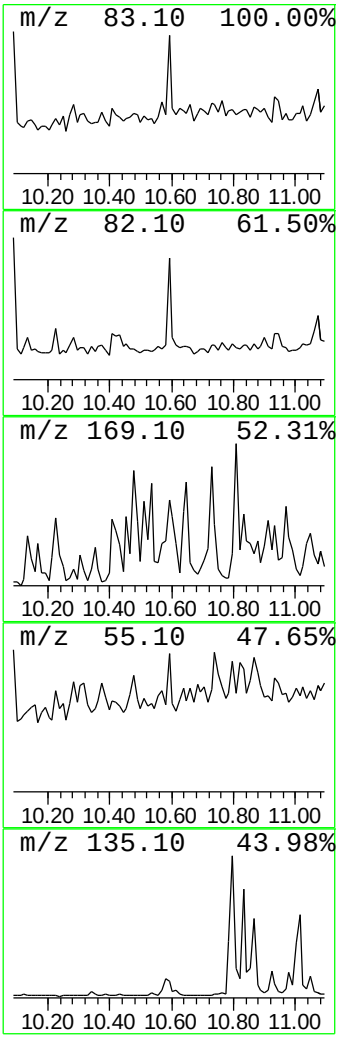
Peak Number 12 unknown10.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.56 ng	211169	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	38
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	35
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	35
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35





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ClientSampleId : MW-104S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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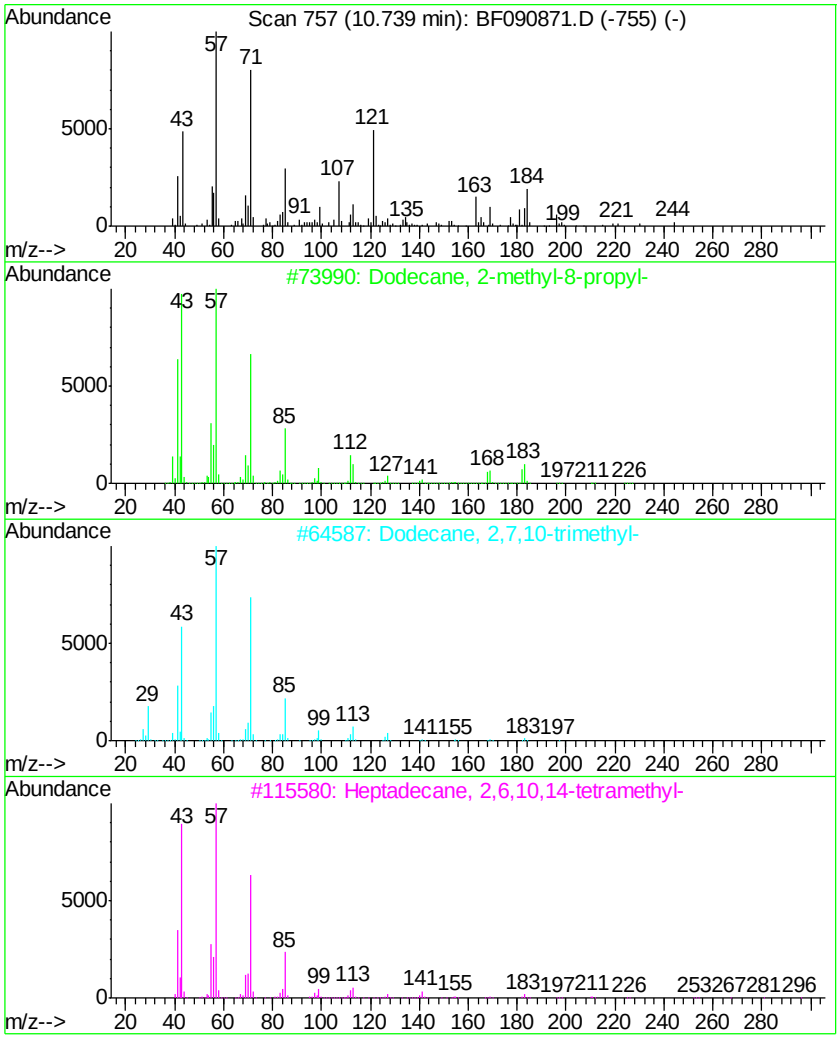
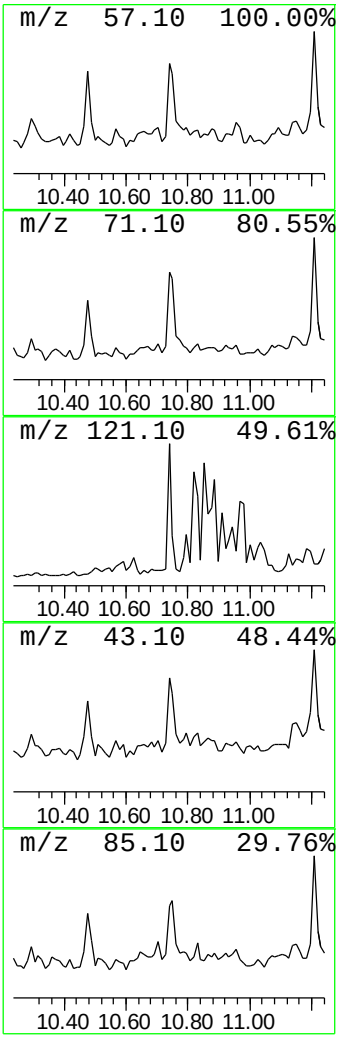
Peak Number 13 Dodecane, 2-methyl-8-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.90 ng	239201	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	52
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	43
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
5	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	38





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-104S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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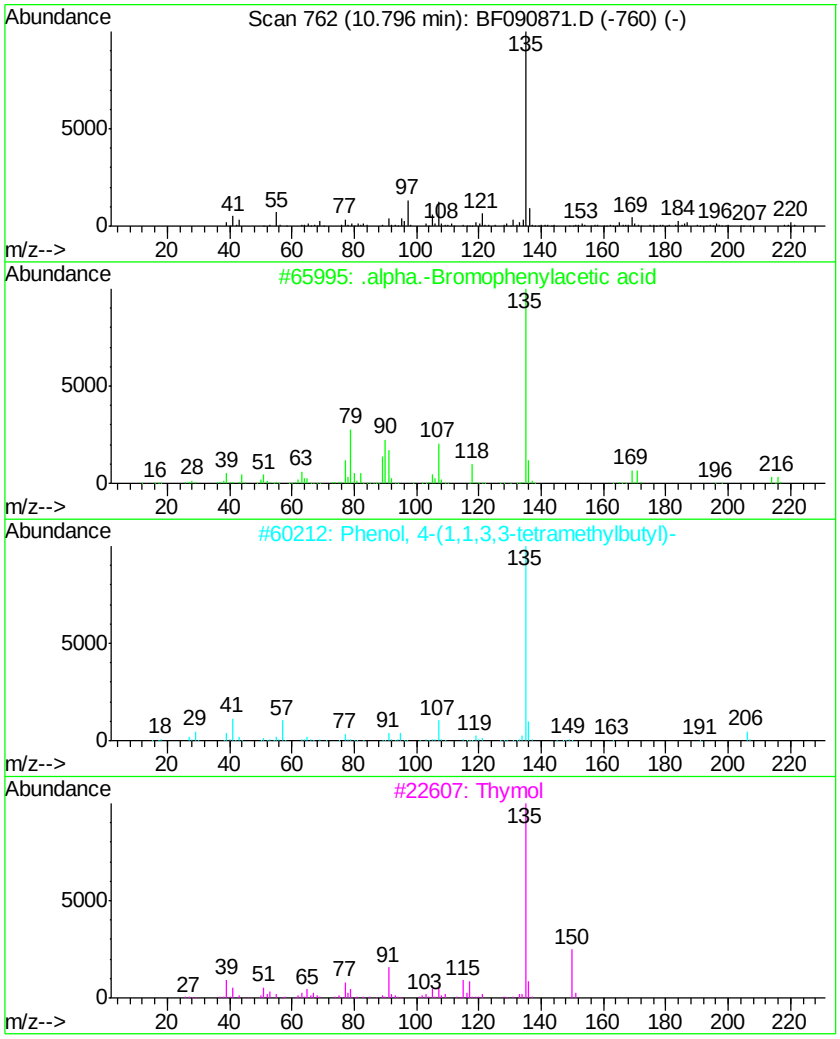
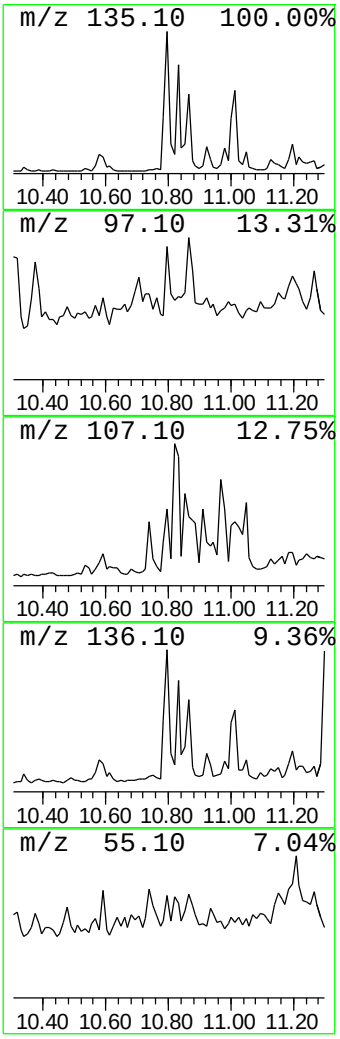
Peak Number 14 .alpha.-Bromophenylacetic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.23 ng	184067	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bromophenylacetic acid	214	C8H7BrO2	004870-65-9	64
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
3	Thymol	150	C10H14O	000089-83-8	59
4	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	59
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	59





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ClientSampleId : MW-104S

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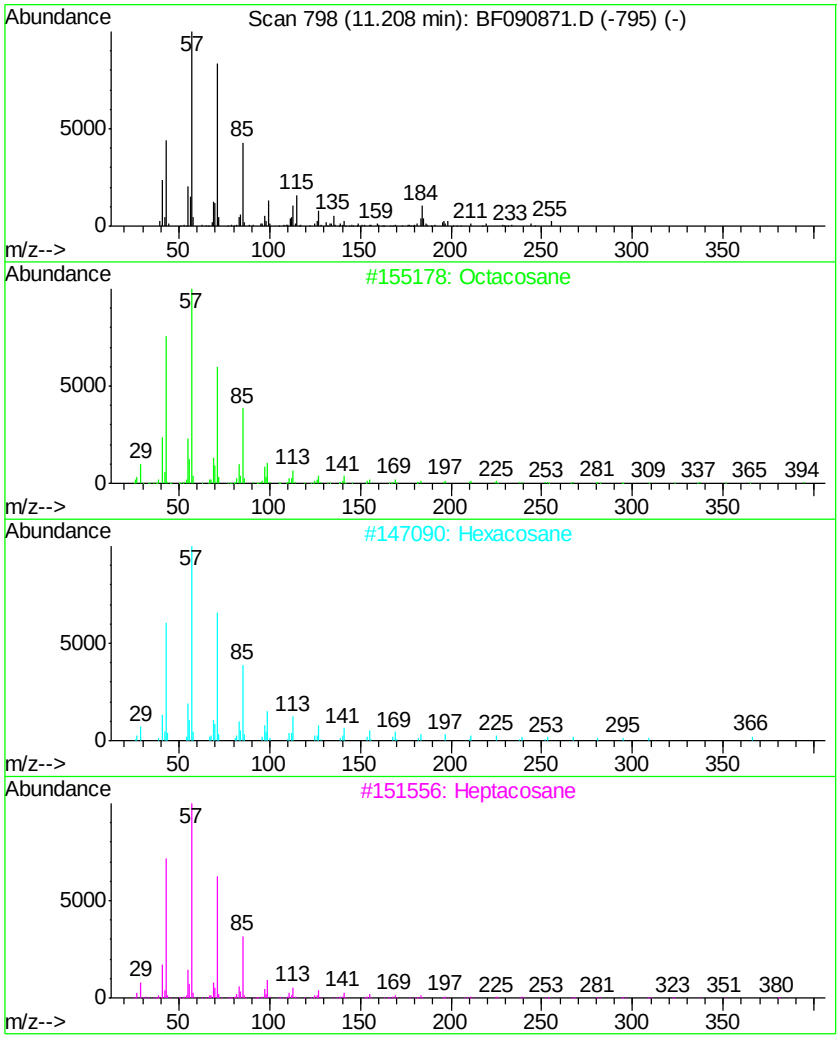
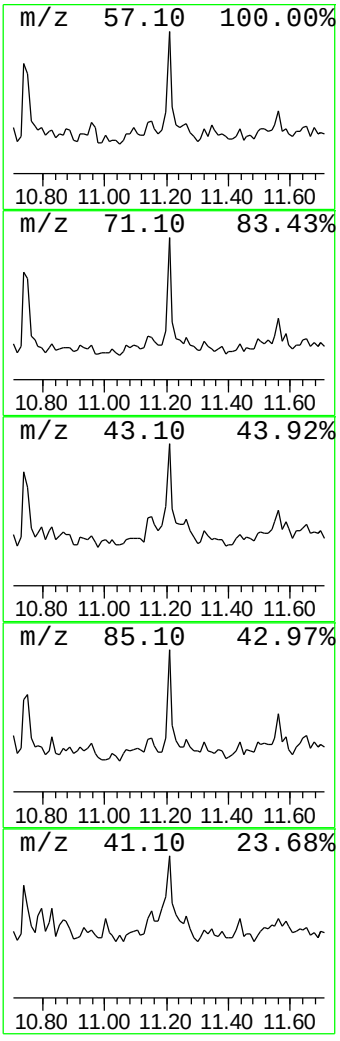
Peak Number 15 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	3.32 ng	274173	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	80
2	Hexacosane	366	C26H54	000630-01-3	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





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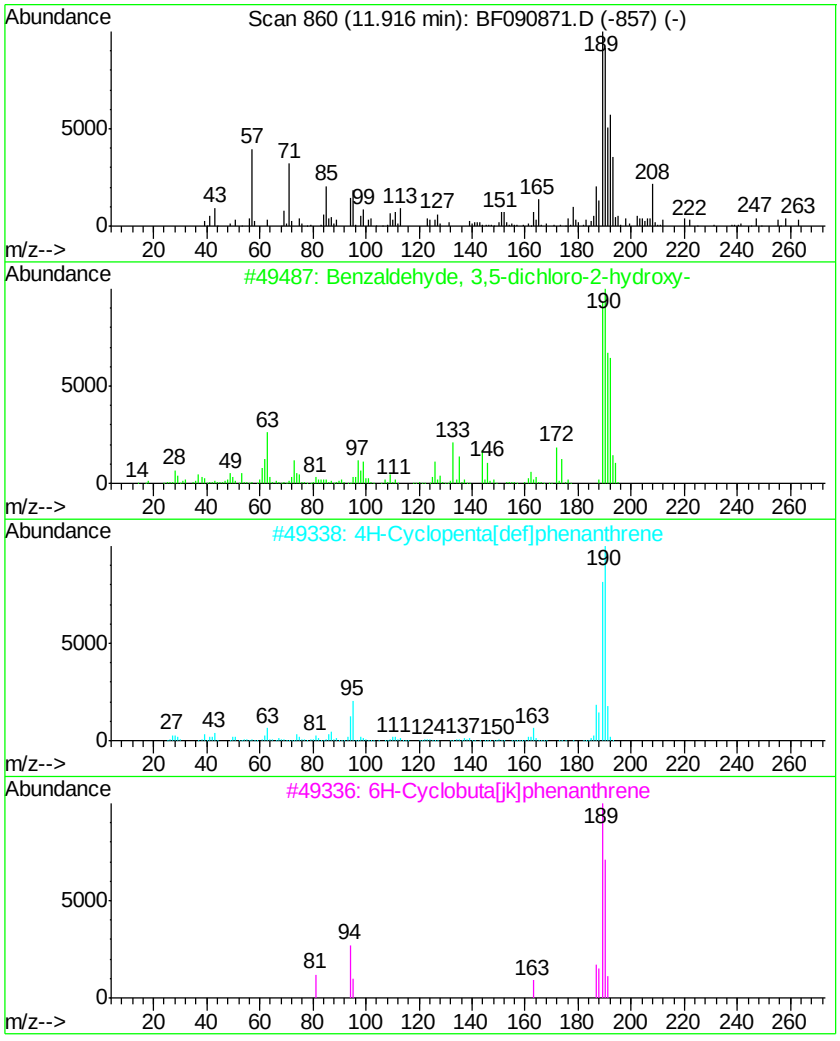
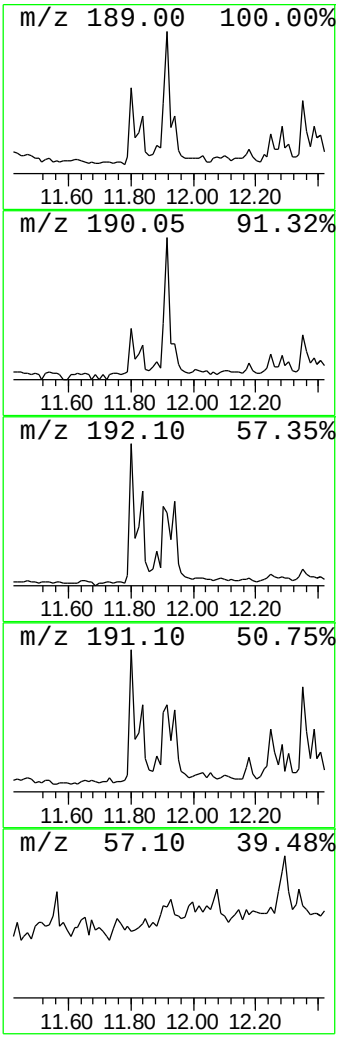
Peak Number 16 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.88 ng	237445	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38





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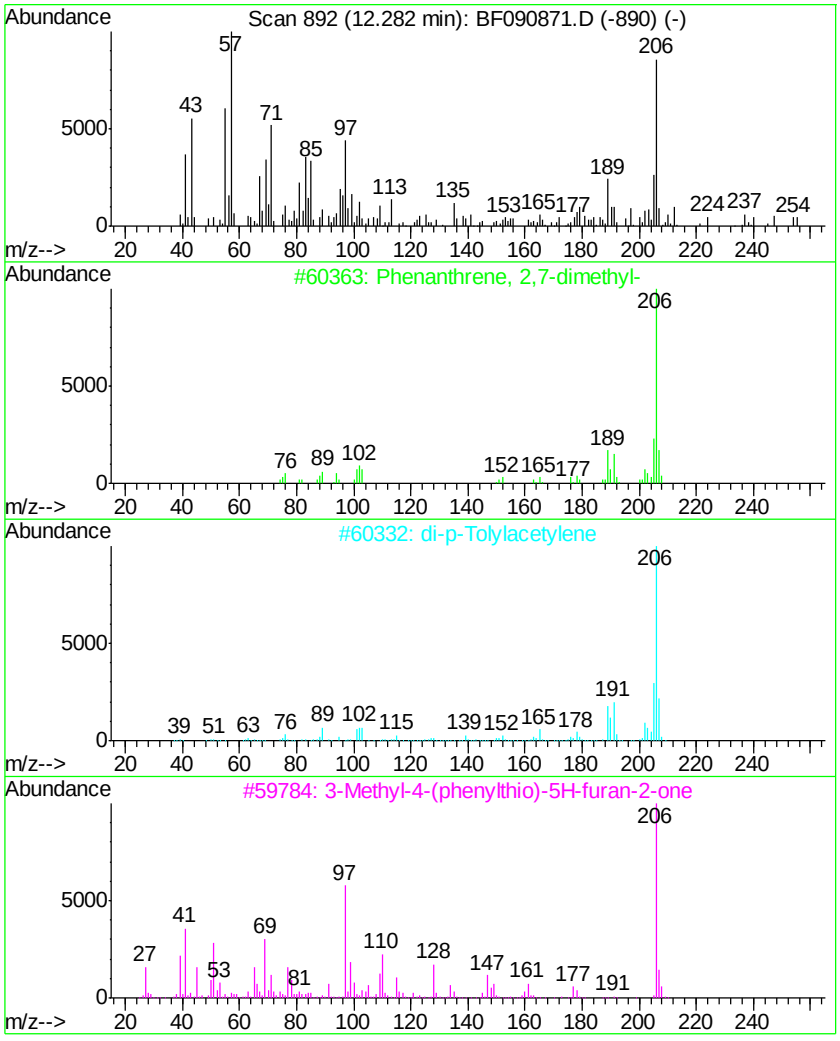
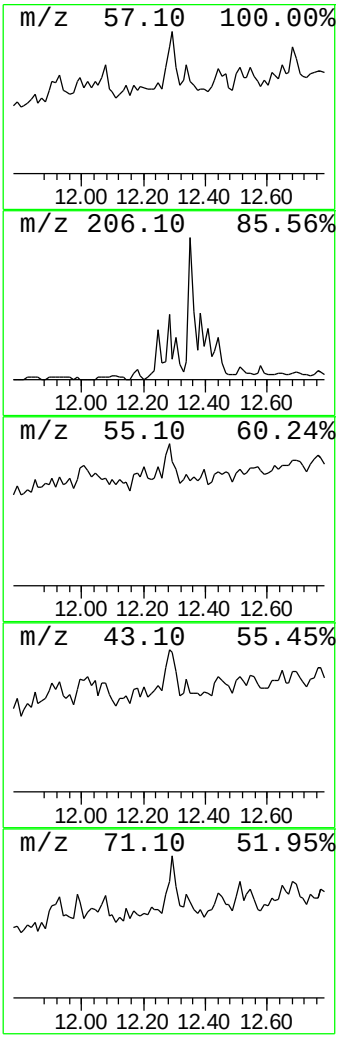
Peak Number 17 unknown12.28 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.12 ng	175375	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	42
3	3-Methyl-4-(phenylthio)-5H-furan...	206	C11H10O2S	117621-13-3	35
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	27





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

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

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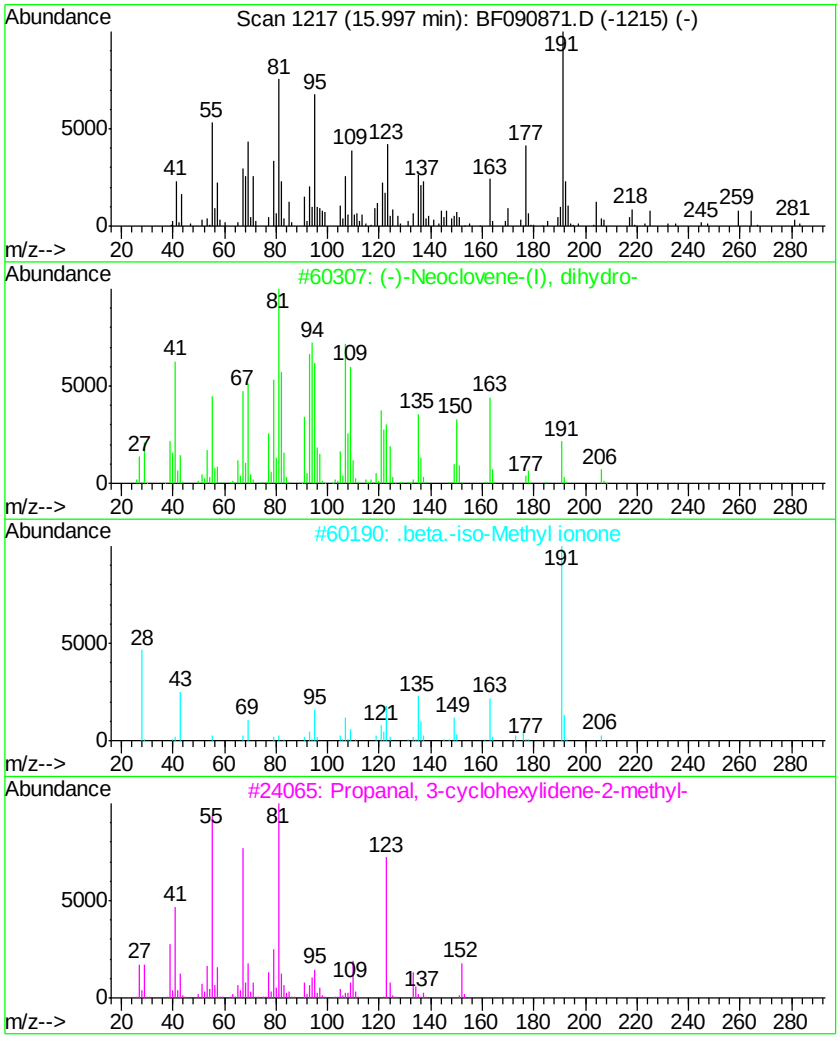
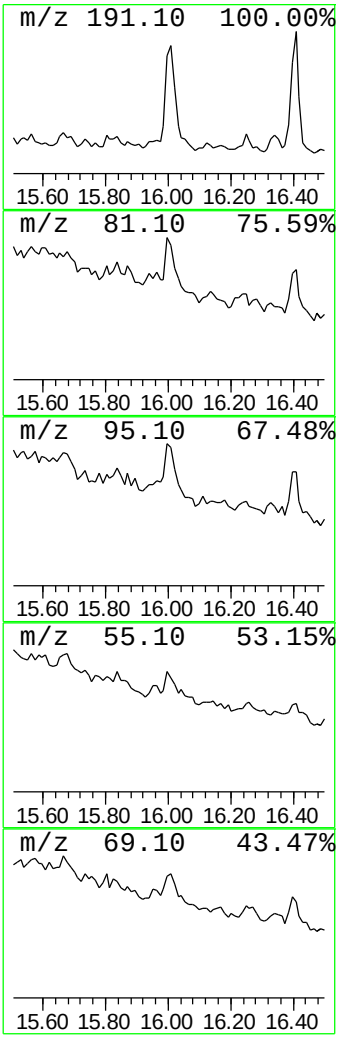
Peak Number 19 unknown16.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.69 ng	155233	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	41
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
3	Propanal, 3-cyclohexylidene-2-me...	152	C10H16O	053155-83-2	22
4	Bicyclo[3.3.1]nonan-9-one, 2,4-d...	211	C11H17NO3	129967-64-2	22
5	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

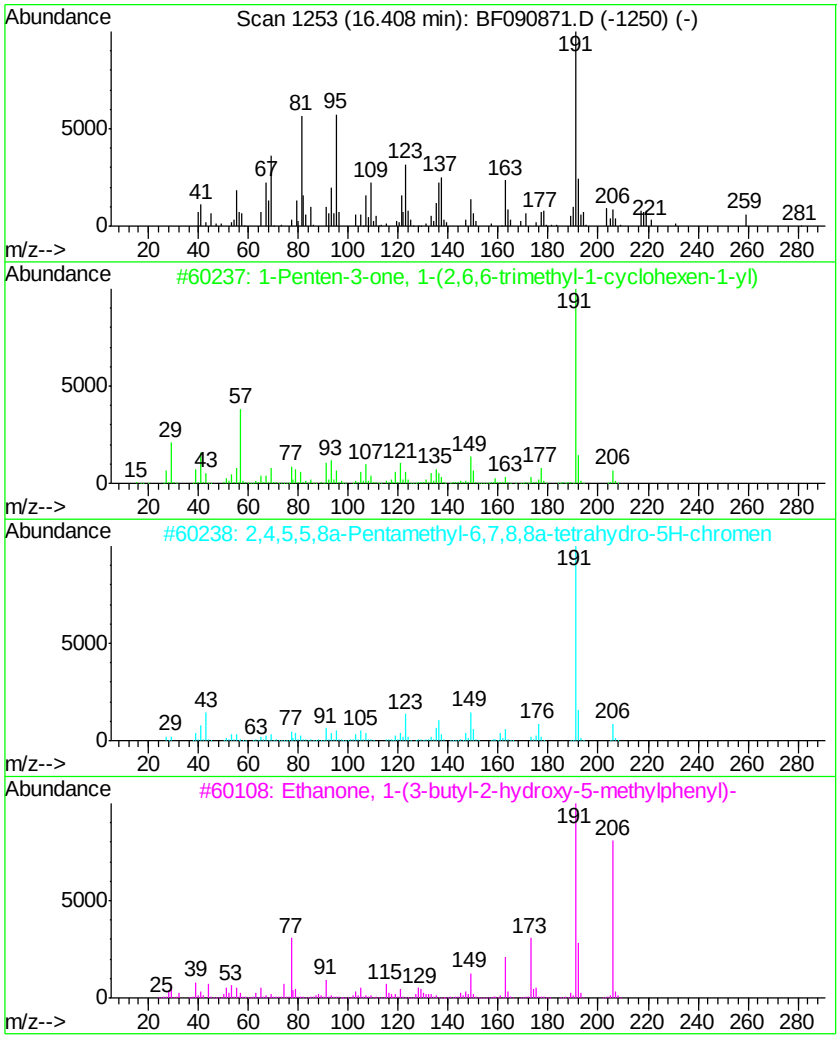
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

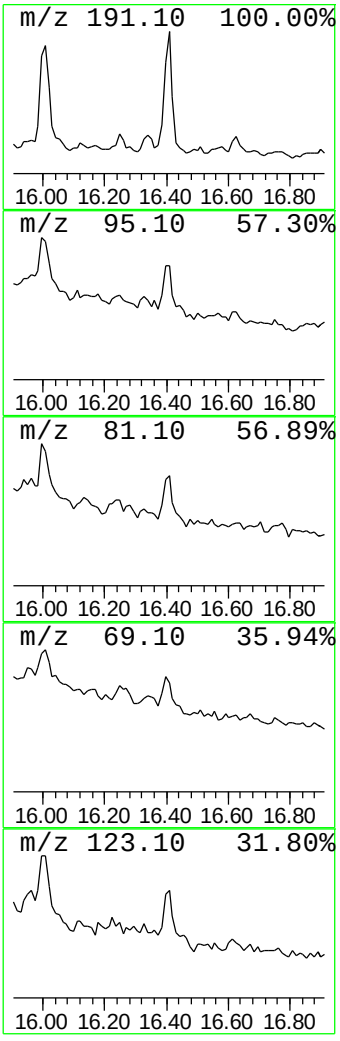
****

Peak Number 20 unknown16.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.51 ng	144934	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	41
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	35
3	Ethanone, 1-(3-butyl-2-hydroxy-5...	206	C13H18O2	054932-80-8	25
4	Amiphenazole	191	C9H9N3S	000490-55-1	22
5	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090871.D
Acq On : 27 Oct 2016 14:20
Operator : UM/SJ
Sample : H5308-25 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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
unknown6.54	6.54	2.9	ng	124010	1	6.77	870564	20.0
Pentane, 3-ethyl-...	7.06	2.0	ng	88867	1	6.77	870564	20.0
unknown7.31	7.31	2.4	ng	104843	1	6.77	870564	20.0
unknown8.16	8.16	2.6	ng	176414	2	8.06	1348610	20.0
Octane, 2,3,6-tri...	8.50	2.6	ng	172586	2	8.06	1348610	20.0
Naphthalene, 1,2,...	8.89	2.6	ng	176336	2	8.06	1348610	20.0
Nonane, 3-methyl-...	9.09	2.4	ng	205433	3	9.81	1692330	20.0
Dodecane	9.55	2.4	ng	200904	3	9.81	1692330	20.0
Naphthalene, 2,3,...	10.13	2.2	ng	187140	3	9.81	1692330	20.0
unknown10.32	10.32	2.4	ng	201411	3	9.81	1692330	20.0
unknown10.59	10.59	2.6	ng	211169	4	11.30	1651380	20.0
Dodecane, 2-methy...	10.74	2.9	ng	239201	4	11.30	1651380	20.0
.alpha.-Bromophen...	10.80	2.2	ng	184067	4	11.30	1651380	20.0
Octacosane	11.21	3.3	ng	274173	4	11.30	1651380	20.0
Benzaldehyde, 3,5...	11.92	2.9	ng	237445	4	11.30	1651380	20.0
unknown12.28	12.28	2.1	ng	175375	4	11.30	1651380	20.0
unknown16.00	16.00	2.7	ng	155233	6	15.35	1154310	20.0
unknown16.41	16.41	2.5	ng	144934	6	15.35	1154310	20.0