LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

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-BF031518.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	2.298	31	36	43	rVB	117748	154306	2.24%	0.310%
2	4.116	340	345	351	rVB	1301683	1649026	23.99%	3.309%
3	4.510	405	412	419	rBV2	61752	90219	1.31%	0.181%
4	4.645	430	435	443	rVB2	106784	159319	2.32%	0.320%
5	5.216	528	532	538	rBV	161899	229414	3.34%	0.460%
6	5.475	571	576	579	rBV	2370520	2184093	31.77%	4.383%
7	5.598	589	597	600	rBV2	4578115	6874969	100.00%	13.796%
8	5.792	628	630	633	rVB2	125771	101452	1.48%	0.204%
9	5.834	633	637	640	rBV	1454995	1256068	18.27%	2.521%
10	5.881	642	645	650	rVB	276019	227643	3.31%	0.457%
11	6.145	687	690	693	rBV	267426	226017	3.29%	0.454%
12	6.433	736	739	742	rVB	179331	144965	2.11%	0.291%
13	6.498	747	750	753	rBV	404762	370064	5.38%	0.743%
14	6.528	753	755	758	rVV	301220	229927	3.34%	0.461%
15	6.598	760	767	770	rVV	3170788	3625315	52.73%	7.275%
16	6.657	773	777	781	rVB	220281	197105	2.87%	0.396%
17	6.745	787	792	795	rBV	3593845	3493328	50.81%	7.010%
18	6.798	798	801	805	rVB	666755	535448	7.79%	1.074%
19	6.975	827	831	834	rVB	1211007	962111	13.99%	1.931%
20	7.098	849	852	854	rBV	365409	309782	4.51%	0.622%
21	7.133	854	858	860	rVV	2859212	2680798	38.99%	5.380%
22	7.151	860	861	866	rVB	176584	110284	1.60%	0.221%
23	7.233	873	875	878	rVB2	71439	74632	1.09%	0.150%
24	7.286	881	884	891	rVB3	53777	87733	1.28%	0.176%
25	7.498	915	920	922	rBV5	67714	94591	1.38%	0.190%
26	7.539	922	927	934	rVB	2182015	2284618	33.23%	4.585%
27	7.610	934	939	943	rVB6	46129	87045	1.27%	0.175%
28	8.257	1045	1049	1051	rBV	1472371	1211062	17.62%	2.430%
29	8.275	1051	1052	1054	rVV	148536	91147	1.33%	0.183%
30	8.827	1142	1146	1151	rVB3	70328	83377	1.21%	0.167%
31	9.327	1225	1231	1235	rBV	3712840	3455393	50.26%	6.934%
32	9.398	1241	1243	1246	rVB	102751	78121	1.14%	0.157%
33	9.669	1285	1289	1291	rVV	94051	112823	1.64%	0.226%
34	9.716	1295	1297	1305	rVB	409837	366792	5.34%	0.736%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.874	1321	1324	1326	rBV2	95408	79965	1.16%	0.160%
36	9.927	1330	1333	1336	rVB	217984	165529	2.41%	0.332%
37	10.016	1345	1348	1351	rVV	1454231	1224348	17.81%	2.457%
38	10.045	1351	1353	1356	rVB	97559	77598	1.13%	0.156%
39	10.151	1369	1371	1375	rBV4	82987	91425	1.33%	0.183%
40	10.198	1375	1379	1380	rVV3	80688	84786	1.23%	0.170%
41	10.251	1385	1388	1391	rBV2	80176	74630	1.09%	0.150%
42	10.280	1391	1393	1396	rVV	226091	203009	2.95%	0.407%
43	10.304	1396	1397	1399	rVB	129141	77519	1.13%	0.156%
44	10.427	1412	1418	1422	rBV2	245755	269515	3.92%	0.541%
45	10.563	1438	1441	1447	rVB3	89812	115401	1.68%	0.232%
46	10.651	1453	1456	1458	rVB2	81587	78628	1.14%	0.158%
47	10.810	1478	1483	1486	rBV	1865951	1835610	26.70%	3.684%
48	10.904	1496	1499	1509	rVB2	178720	276654	4.02%	0.555%
49	11.351	1572	1575	1578	rBV	119088	105829	1.54%	0.212%
50	11.510	1598	1602	1604	rBV	1170923	1012284	14.72%	2.031%
51	11.533	1604	1606	1609	rVV	631198	498684	7.25%	1.001%
52	11.580	1612	1614	1617	rBV	109371	93908	1.37%	0.188%
53	11.739	1638	1641	1644	rBV2	57570	72083	1.05%	0.145%
54	12.010	1684	1687	1690	rBV	189974	206904	3.01%	0.415%
55	12.039	1690	1692	1695	rVB	227503	182405	2.65%	0.366%
56	12.121	1703	1706	1709	rBV2	186912	228201	3.32%	0.458%
57	12.304	1735	1737	1740	rBV	113888	119585	1.74%	0.240%
58	12.568	1780	1782	1786	rVB2	120293	113028	1.64%	0.227%
59	12.739	1808	1811	1814	rBV	833468	790144	11.49%	1.586%
60	12.962	1842	1849	1854	rVV	972372	1045456	15.21%	2.098%
61	13.010	1854	1857	1861	rVB2	98572	113943	1.66%	0.229%
62	13.098	1868	1872	1875	rBV	2468014	2180051	31.71%	4.375%
63	13.174	1881	1885	1889	rBV3	87558	143292	2.08%	0.288%
64	13.286	1901	1904	1906	rVB2	186801	163950	2.38%	0.329%
65	13.351	1913	1915	1918	rBV	124662	93879	1.37%	0.188%
66	13.392	1920	1922	1925	rVB	123541	96237	1.40%	0.193%
67	13.792	1988	1990	1995	rVB	84031	95012	1.38%	0.191%
68	13.974	2018	2021	2024	rBV2	466816	385603	5.61%	0.774%
69	14.162	2048	2053	2055	rBV2	1080490	1367994	19.90%	2.745%
70	14.186	2055	2057	2065	rVB	541433	511506	7.44%	1.026%
71	15.239	2233	2236	2240	rBV	302596	492331	7.16%	0.988%

LSC Area Percent Report

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Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.568	2289	2292	2298	rVB	204834	268434	3.90%	0.539%
73	15.633	2300	2303	2309	rVB	267307	339092	4.93%	0.680%
74	15.703	2311	2315	2319	rBV	507992	619133	9.01%	1.242%

Sum of corrected areas: 49832572

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Acq On : 22 Mar 2018 18:05
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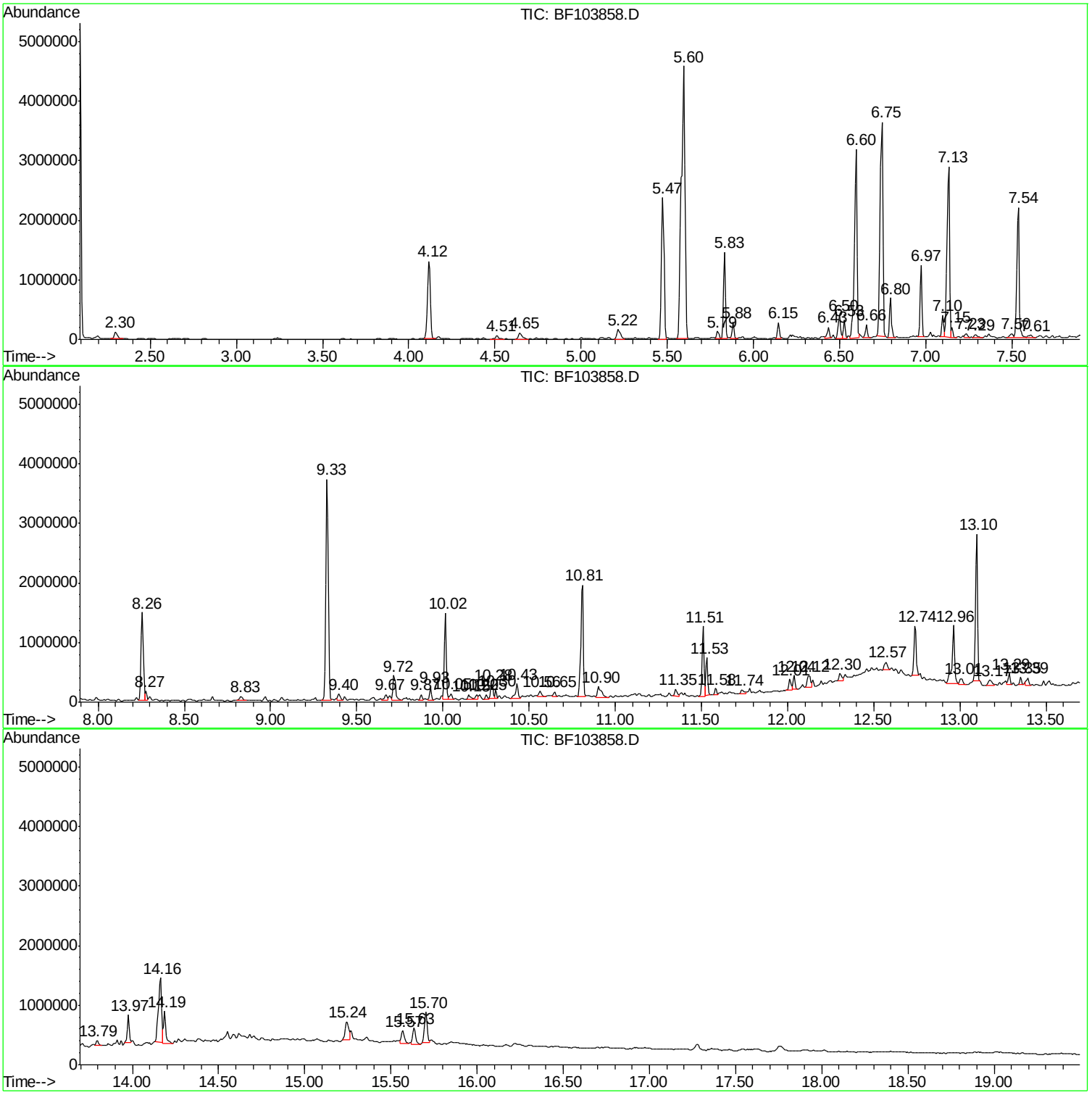
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

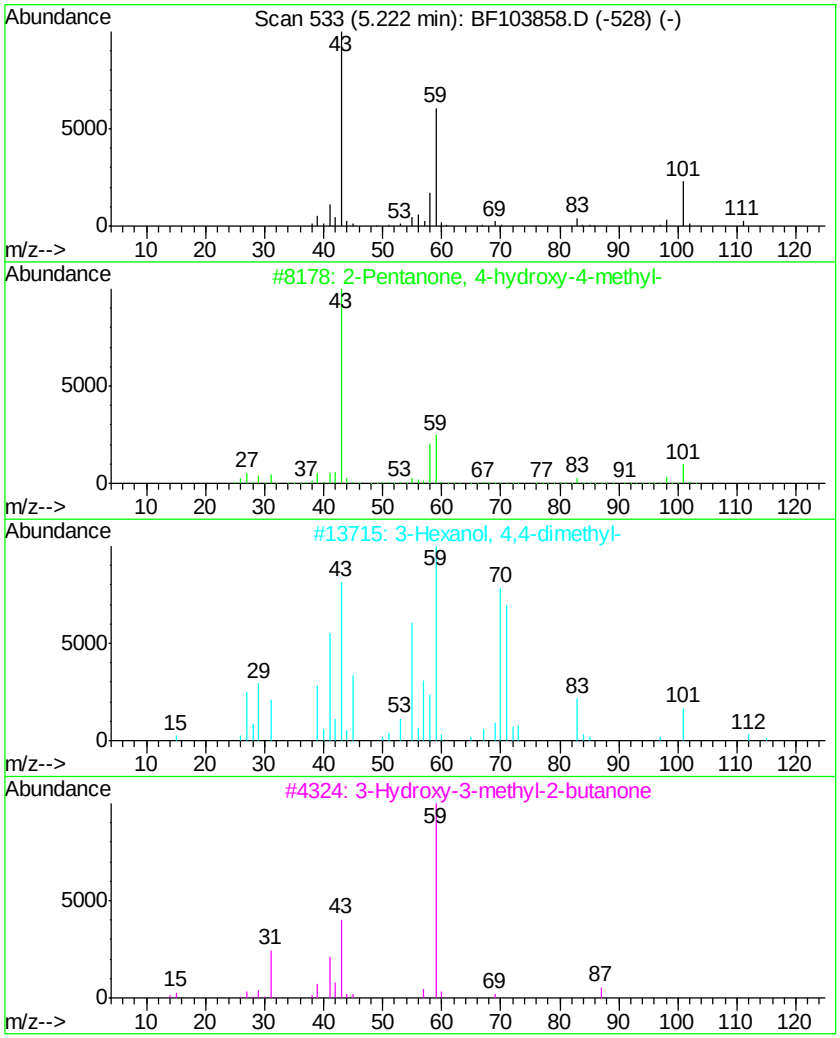
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

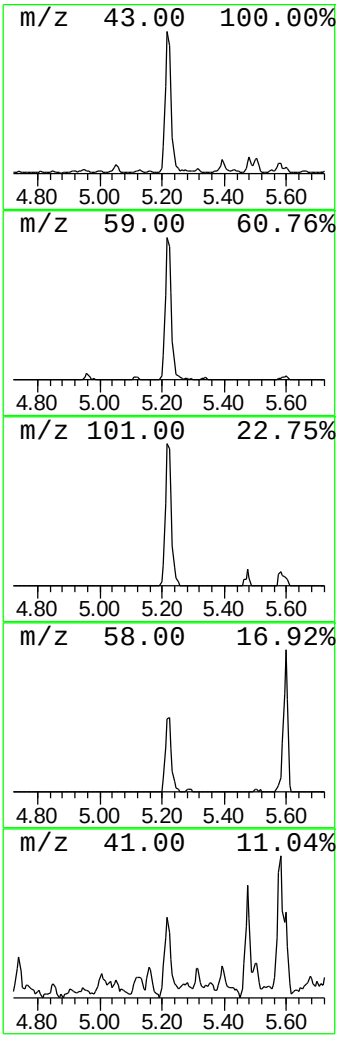
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.77 ng	229414	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Hexanol, 4,4-dimethyl-	130	C8H18O	019550-09-5	38
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	23





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Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

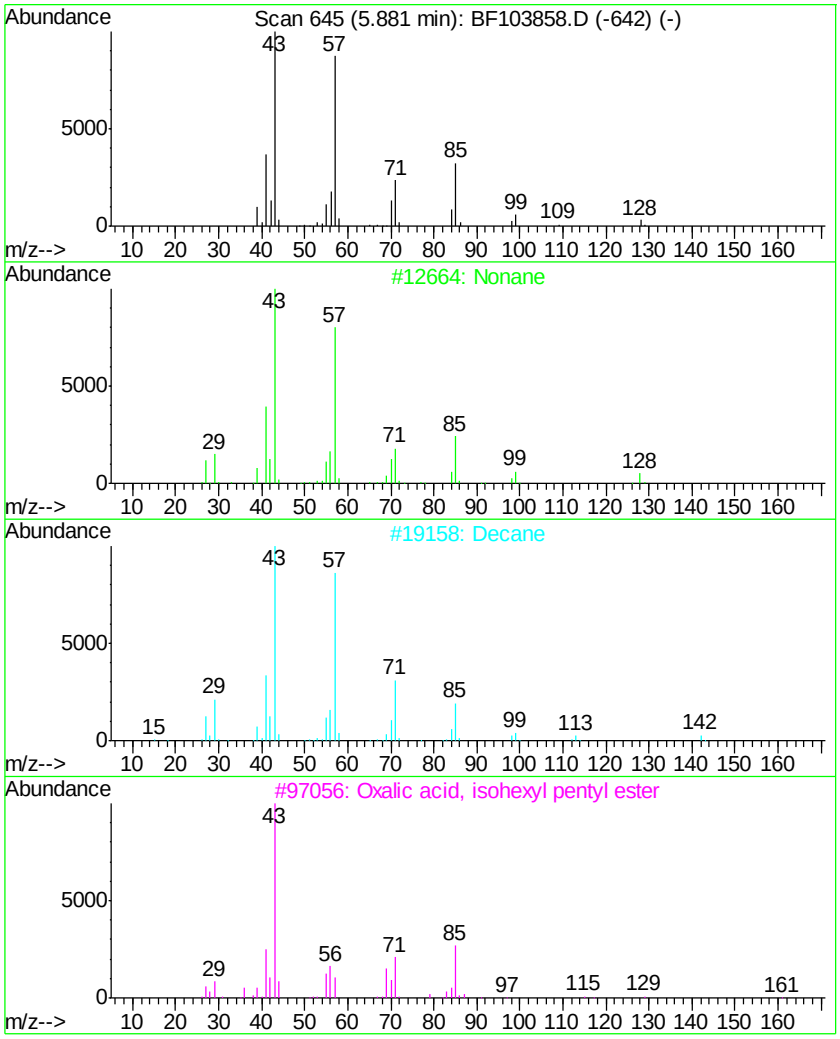
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

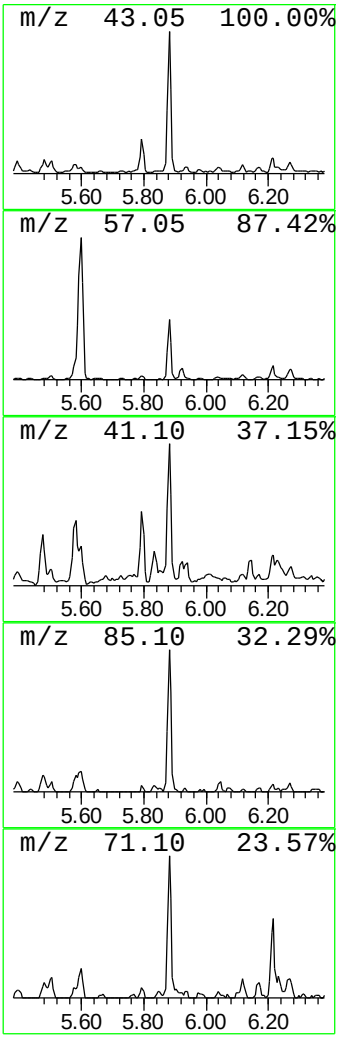
****

Peak Number 5 Nonane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	4.73 ng	227643	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Decane	142	C10H22	000124-18-5	78
3	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
4	Octane	114	C8H18	000111-65-9	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

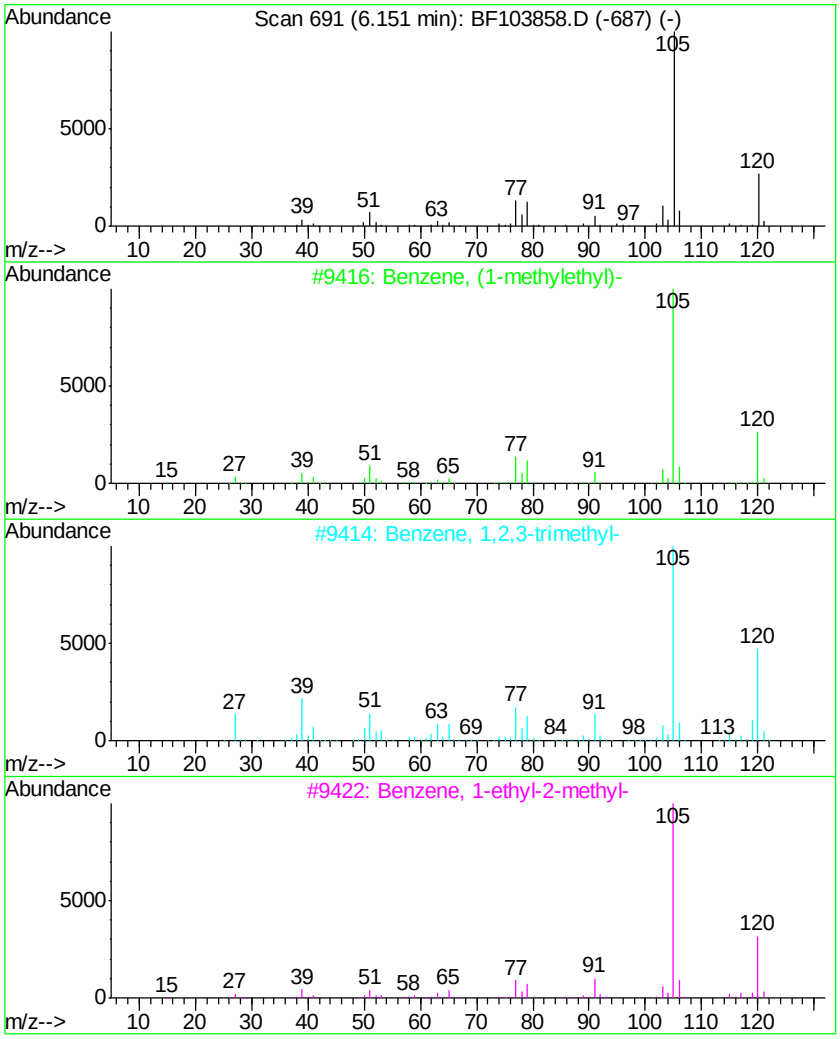
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

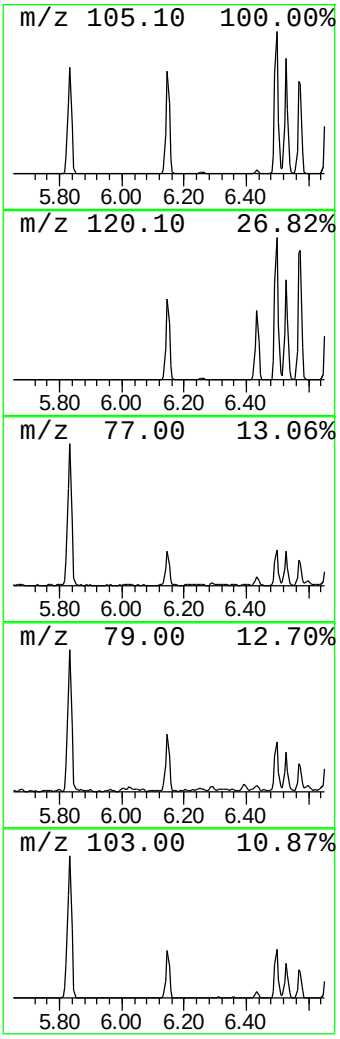
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	4.70 ng	226017	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

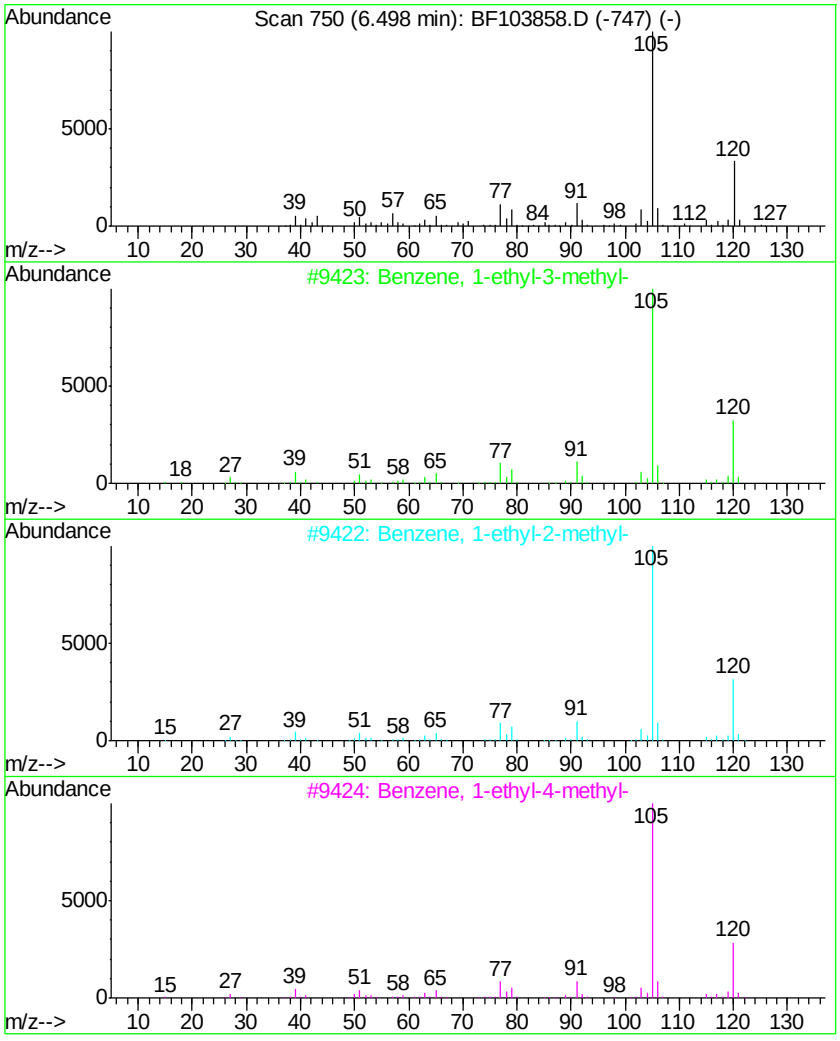
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

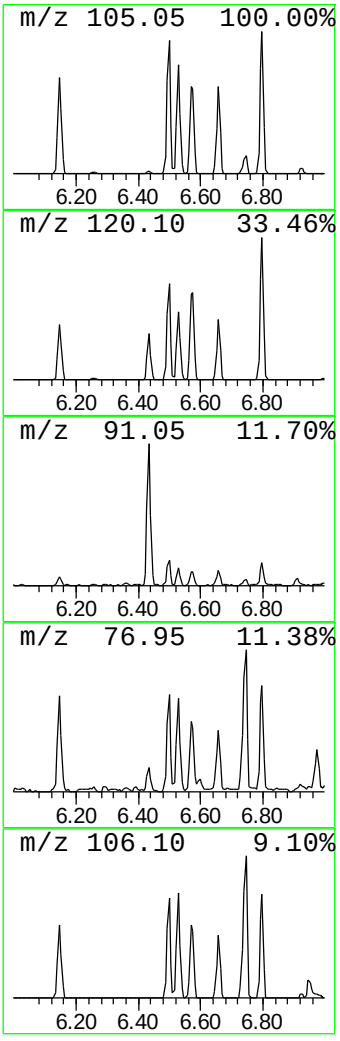
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	7.69 ng	370064	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

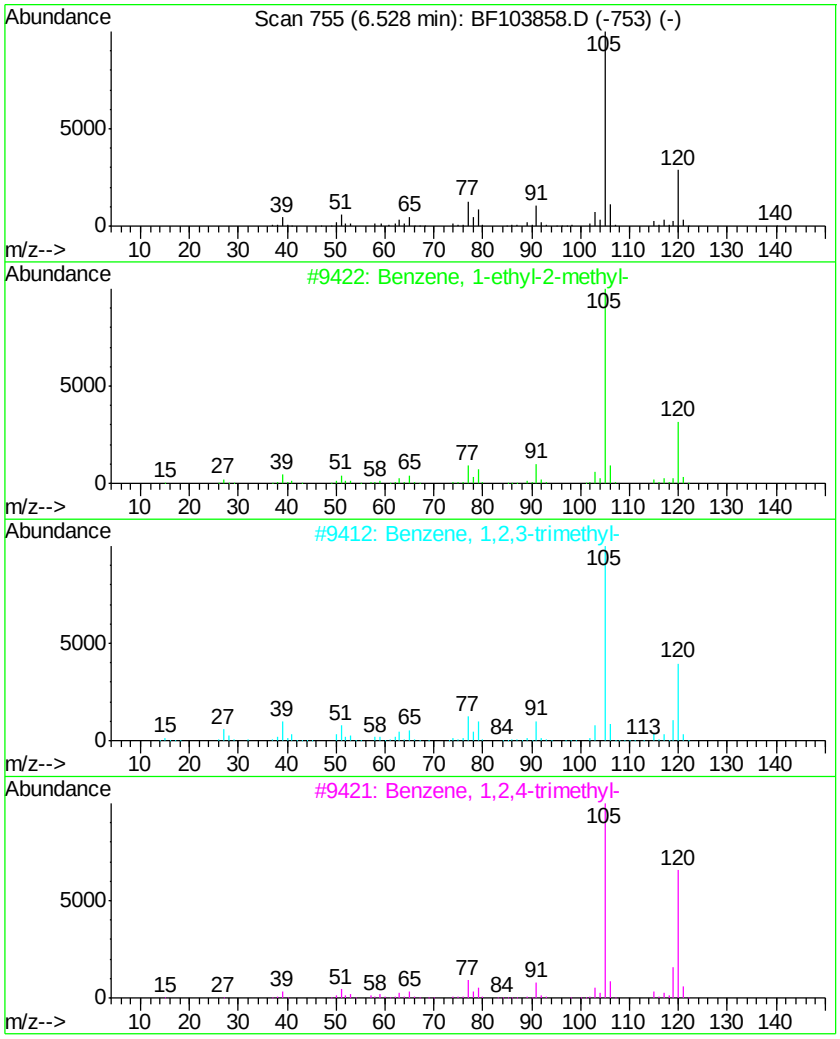
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

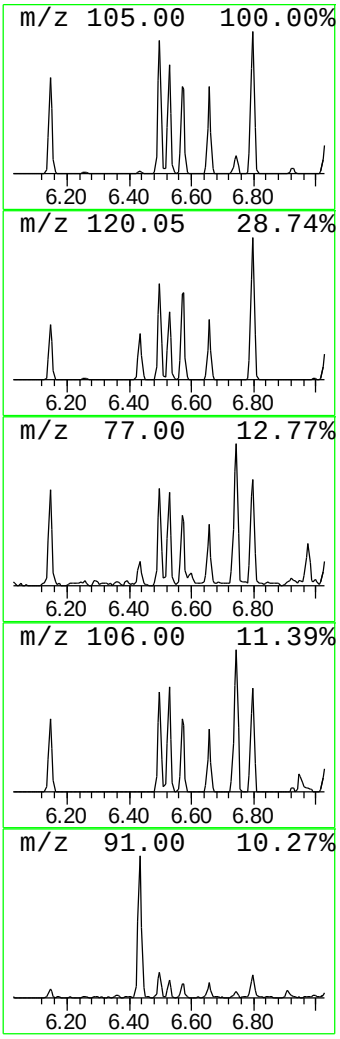
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	4.78 ng	229927	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

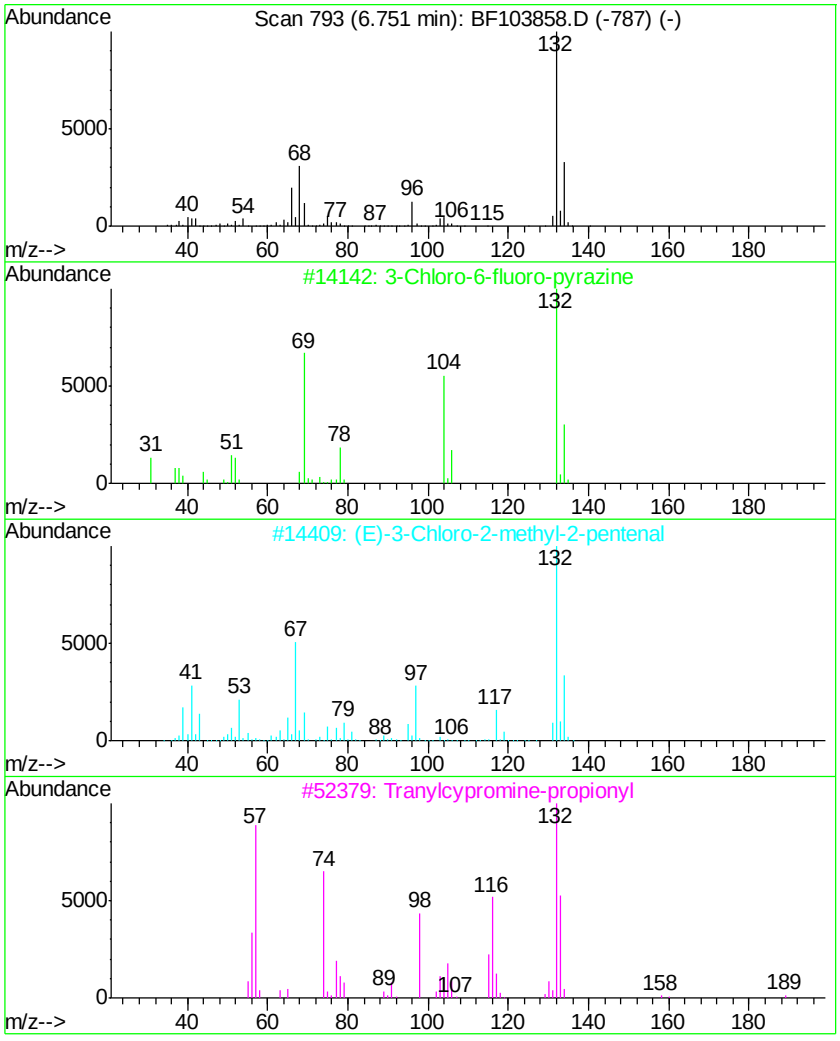
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

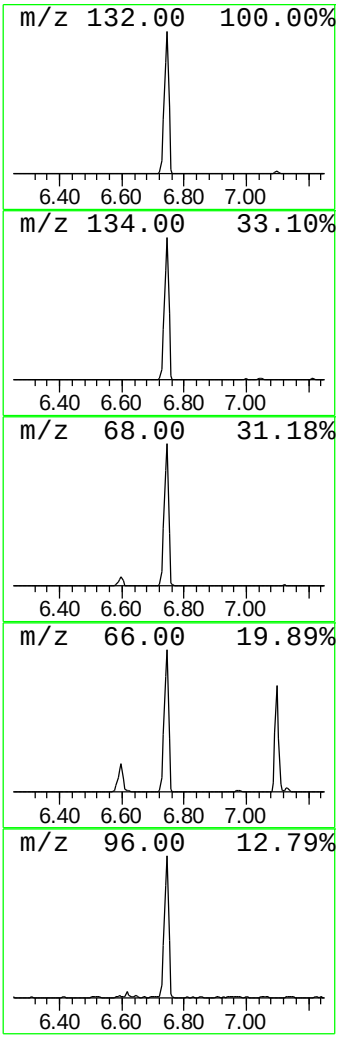
****

Peak Number 10 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	72.62 ng	3493330	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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Data File : BF103858.D
Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

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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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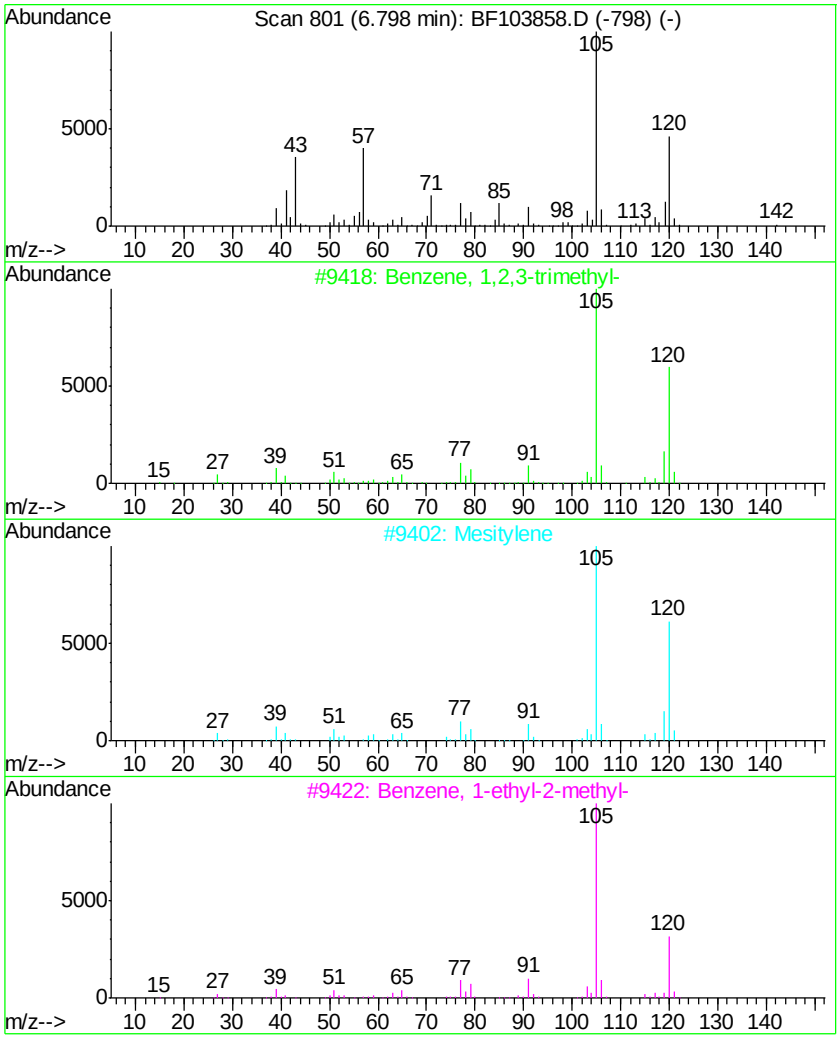
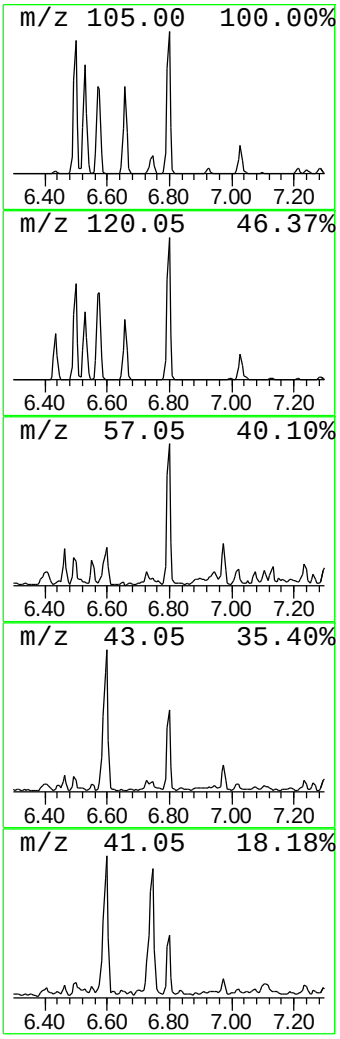
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	11.13 ng	535448	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

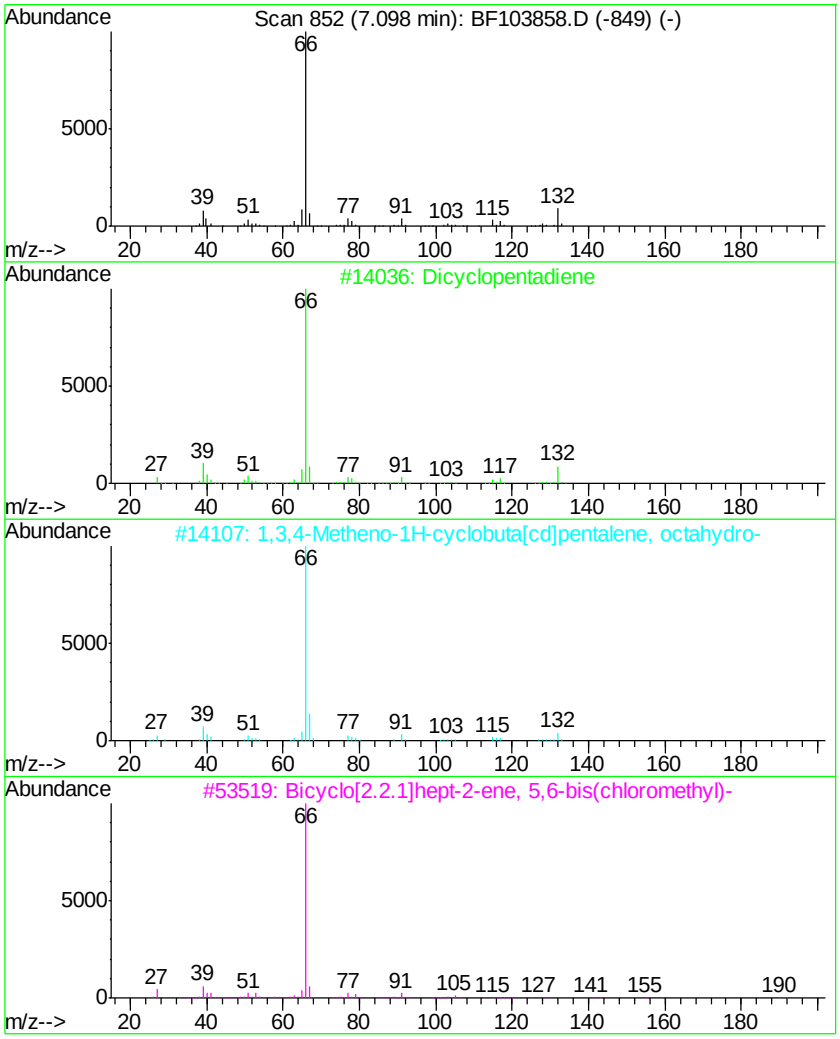
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

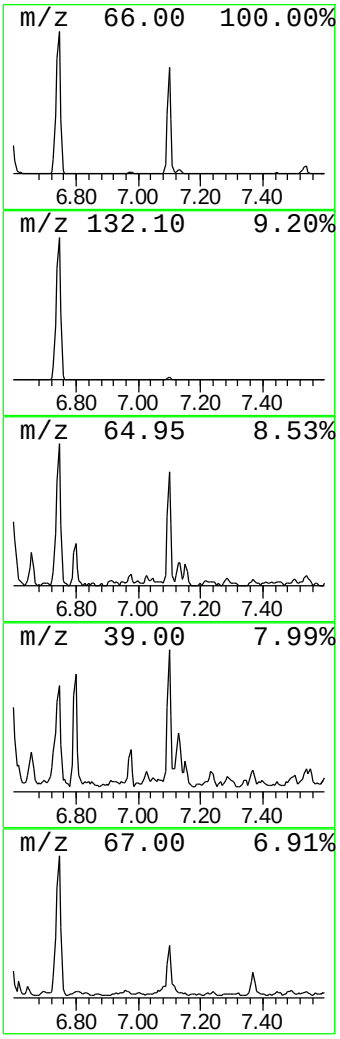
****

Peak Number 12 Dicyclopentadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	6.44 ng	309782	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	91
2	1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	90
3	Bicyclo[2.2.1]hept-2-ene, 5,6-bi...	190	C9H12Cl2	005992-56-3	74
4	Bicyclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	74
5	2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	74





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Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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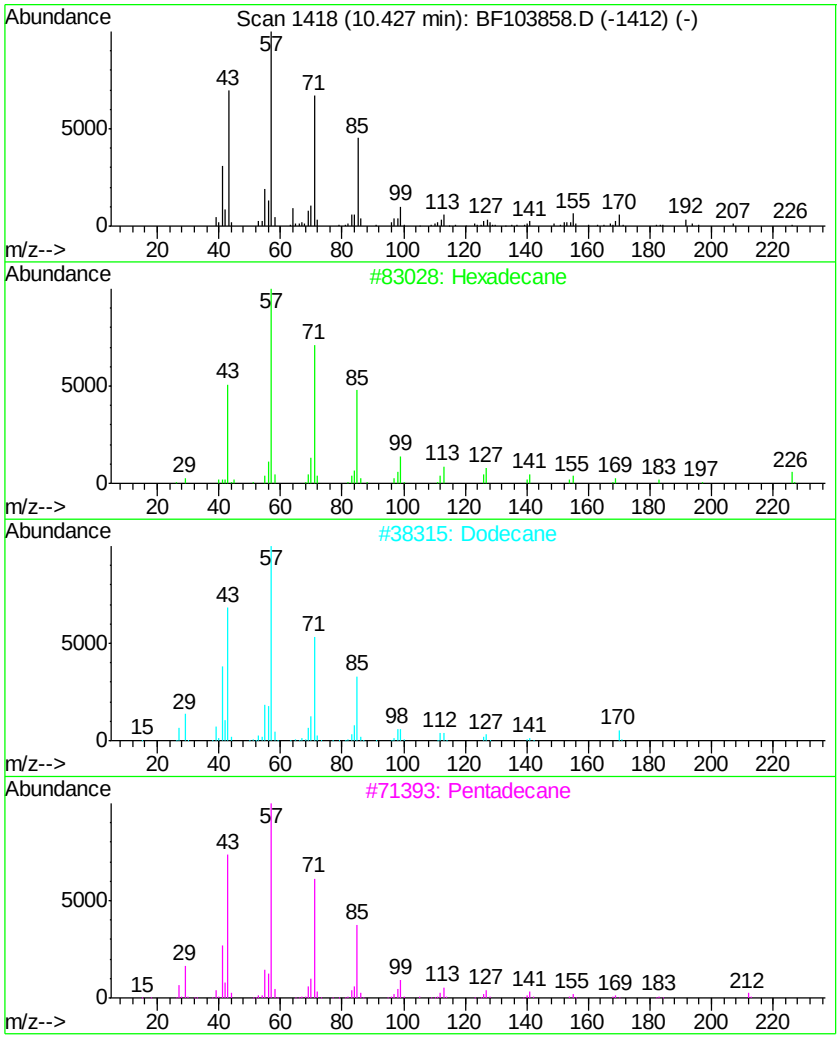
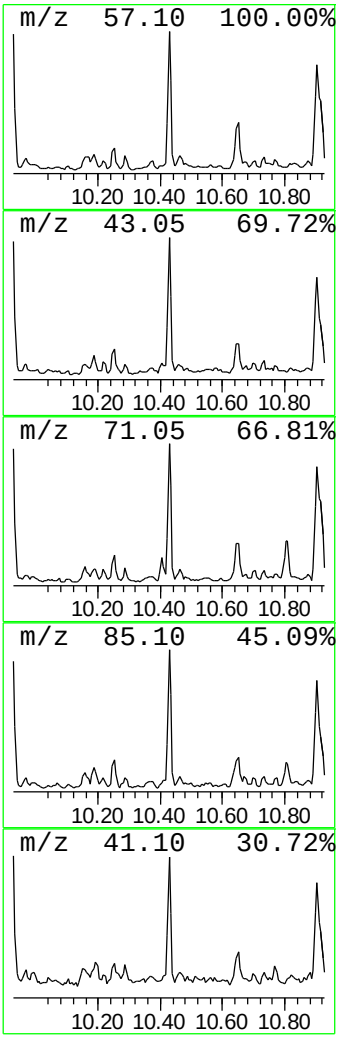
Peak Number 14 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	4.40 ng	269515	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane	170	C12H26	000112-40-3	74
3	Pentadecane	212	C15H32	000629-62-9	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

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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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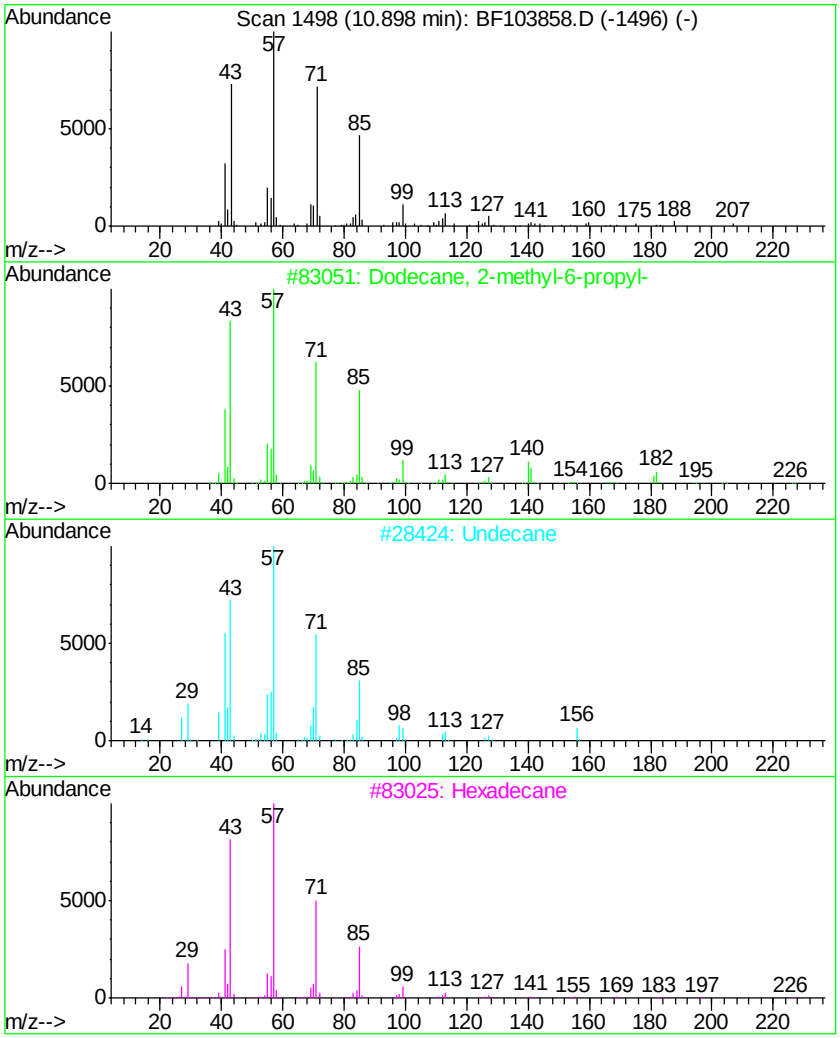
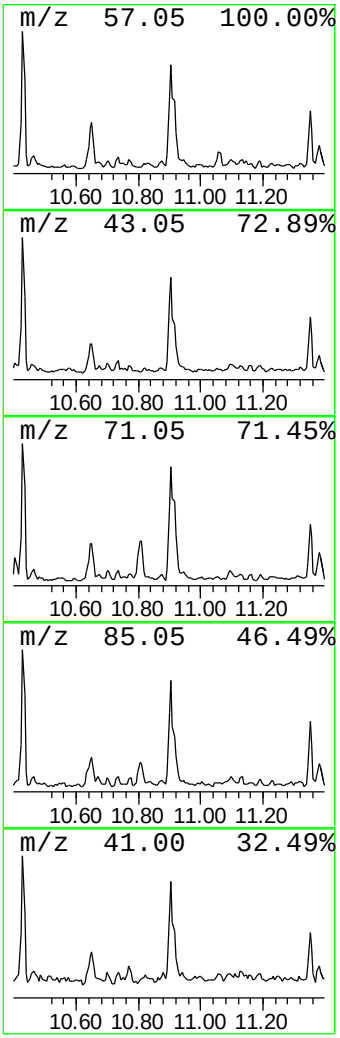
Peak Number 15 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.47 ng	276654	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Undecane	156	C11H24	001120-21-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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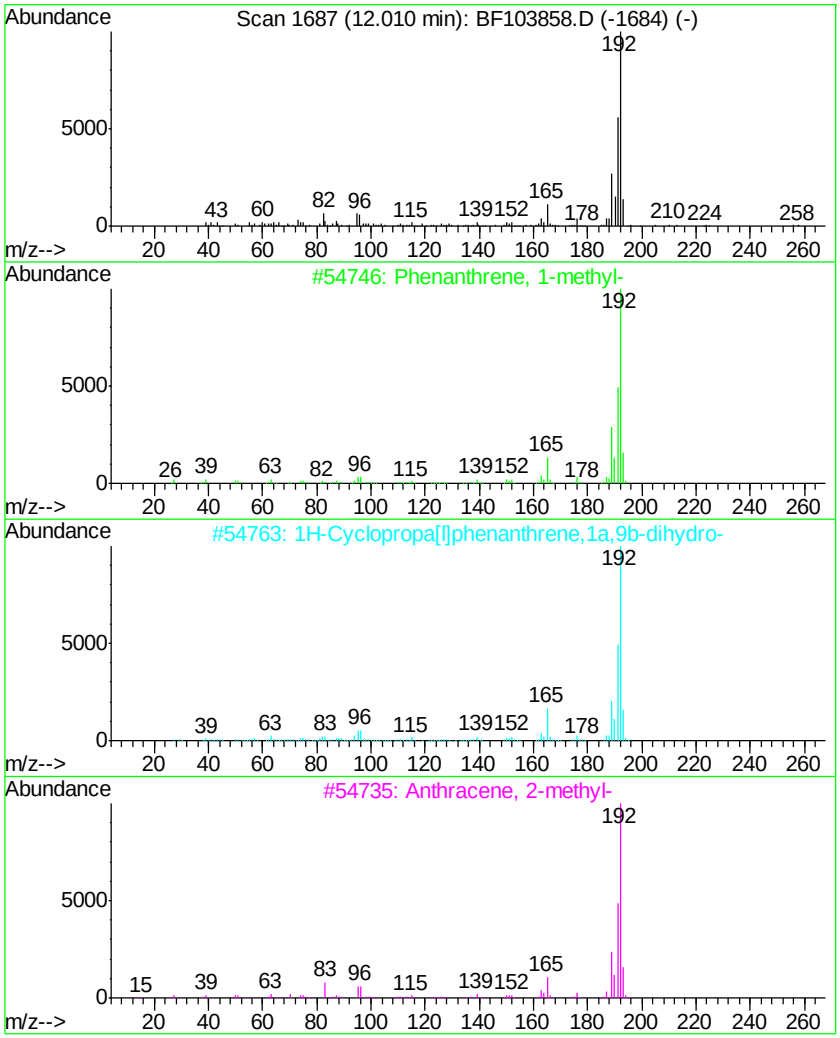
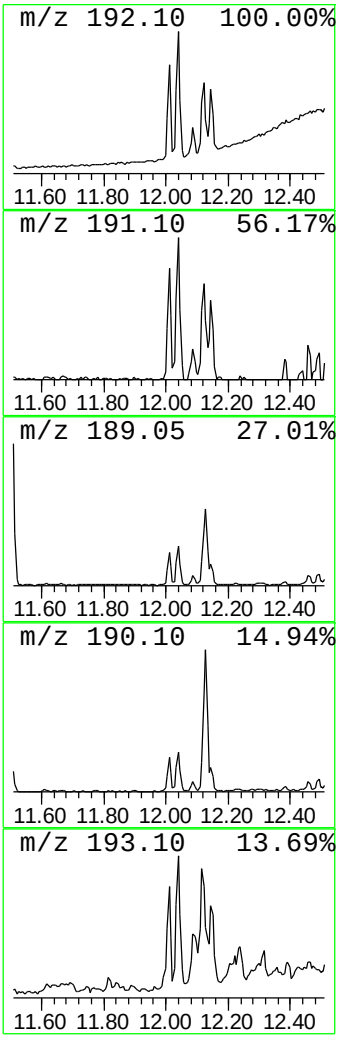
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.09 ng	206904	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 22 Mar 2018 18:05
Operator : JU/SJ
Sample : J1993-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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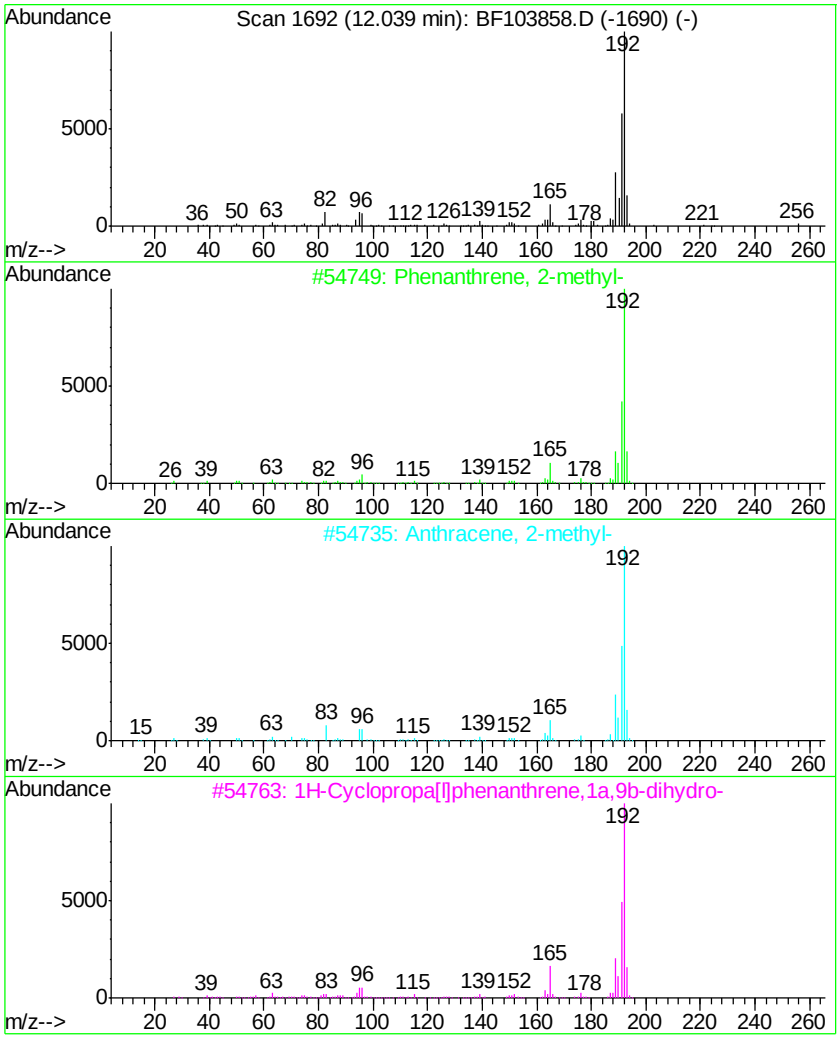
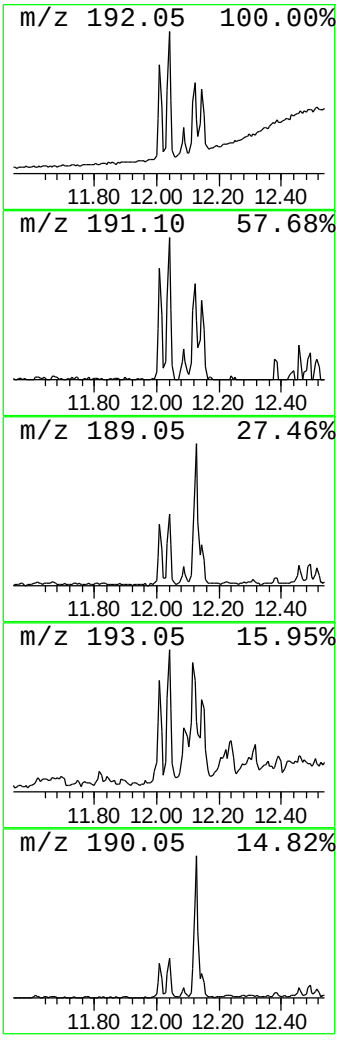
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.60 ng	182405	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-MH-A

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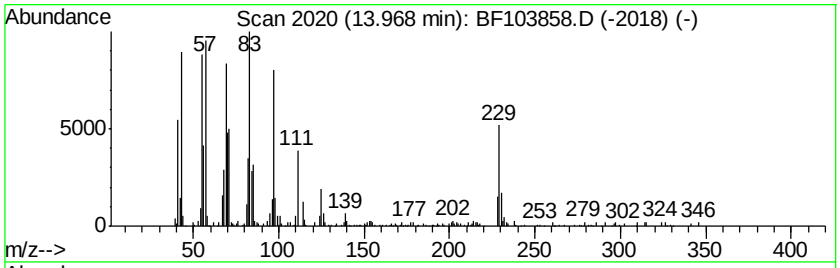
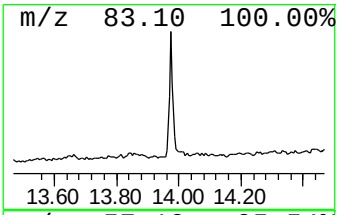
****

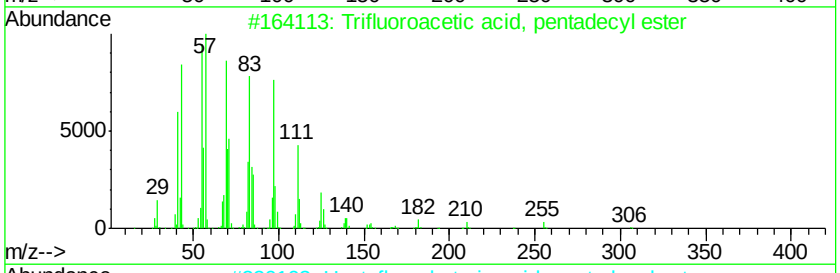
Peak Number 19 Trifluoroacetic acid, penta... Concentration Rank 10

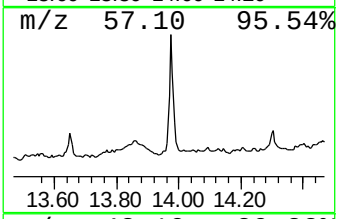
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.64 ng	385603	Chrysene-d12	14.16

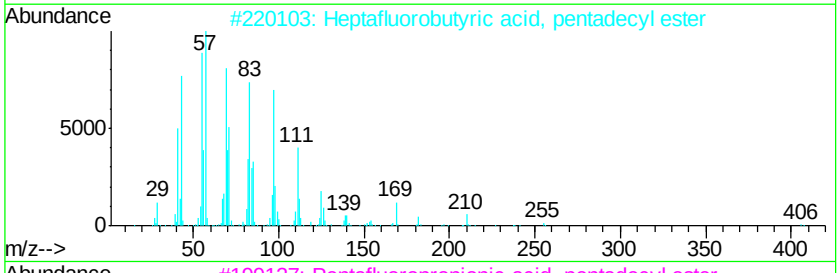
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90

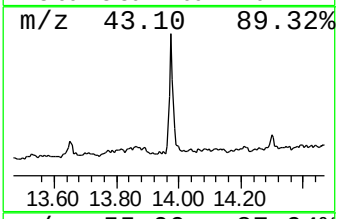


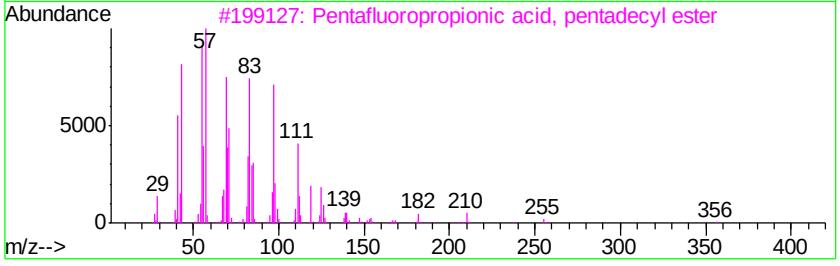


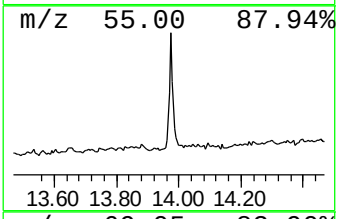


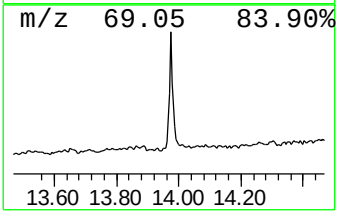












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

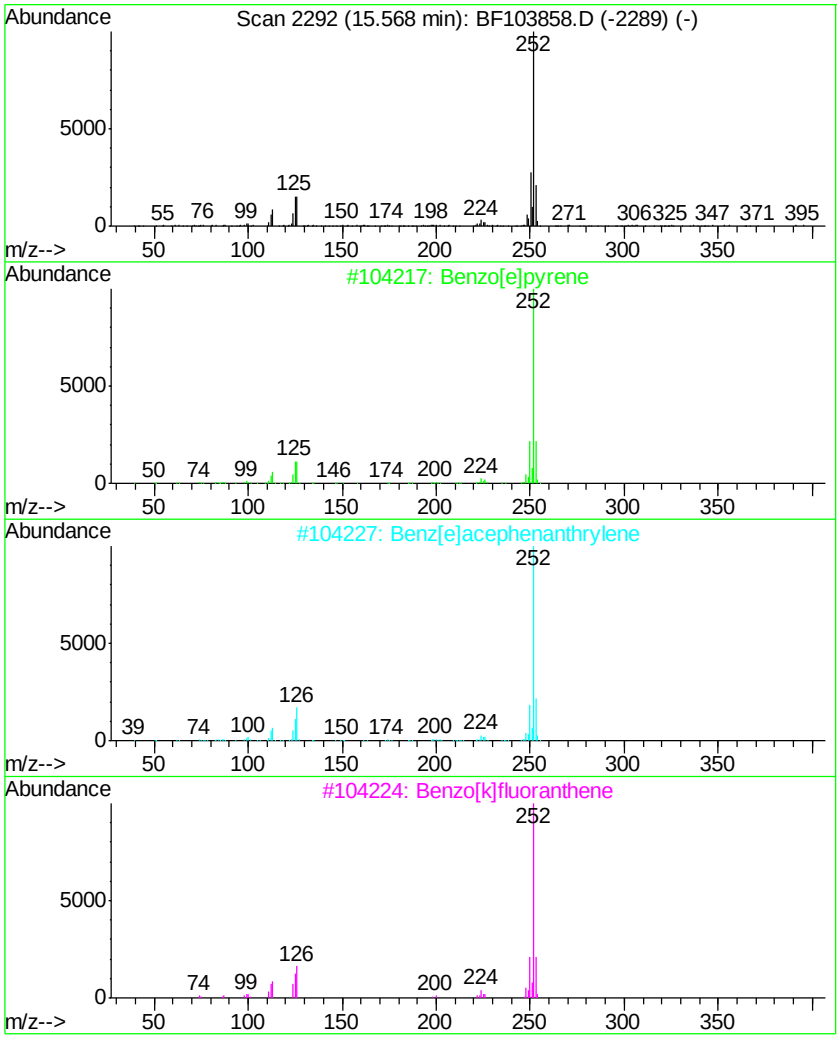
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

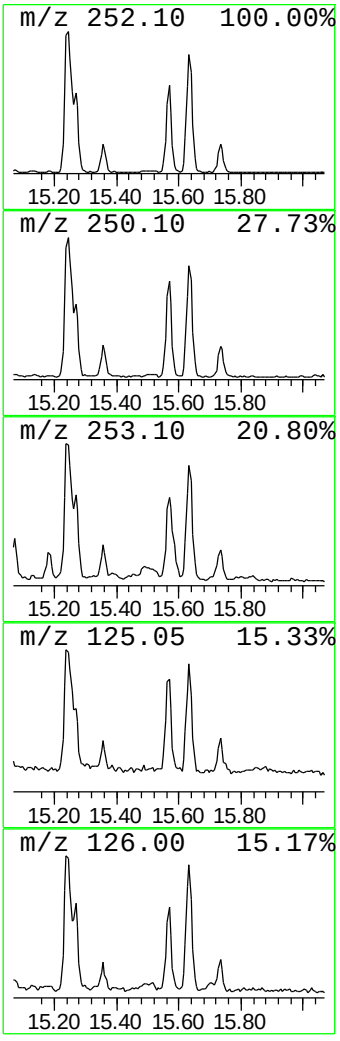
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	8.67 ng	268434	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Perylene	252	C20H12	000198-55-0	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

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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...	5.22	4.8	ng	229414	1	6.97	962111	20.0
Nonane	5.88	4.7	ng	227643	1	6.97	962111	20.0
Benzene, (1-methy...	6.15	4.7	ng	226017	1	6.97	962111	20.0
Benzene, 1-ethyl-...	6.50	7.7	ng	370064	1	6.97	962111	20.0
Benzene, 1-ethyl-...	6.53	4.8	ng	229927	1	6.97	962111	20.0
unknown6.75	6.75	72.6	ng	3493330	1	6.97	962111	20.0
Benzene, 1,2,3-tr...	6.80	11.1	ng	535448	1	6.97	962111	20.0
Dicyclopentadiene	7.10	6.4	ng	309782	1	6.97	962111	20.0
Hexadecane	10.43	4.4	ng	269515	3	10.02	1224350	20.0
Dodecane, 2-methy...	10.90	5.5	ng	276654	4	11.51	1012280	20.0
Phenanthrene, 1-m...	12.01	4.1	ng	206904	4	11.51	1012280	20.0
Phenanthrene, 2-m...	12.04	3.6	ng	182405	4	11.51	1012280	20.0
Trifluoroacetic a...	13.97	5.6	ng	385603	5	14.16	1367990	20.0
Benzo[e]pyrene	15.57	8.7	ng	268434	6	15.70	619133	20.0