LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

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-BF050916.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	1.735	12	13	44	rVB	3571162	6924330	100.00%	8.234%
2	4.753	274	277	281	rBV2	54312	98459	1.42%	0.117%
3	5.198	314	316	325	rBV	1185108	1442822	20.84%	1.716%
4	5.358	328	330	334	rVB2	54872	105797	1.53%	0.126%
5	5.633	353	354	360	rVB	111949	112221	1.62%	0.133%
6	6.010	384	387	390	rVV	98857	166217	2.40%	0.198%
7	6.124	394	397	400	rVB2	44866	94429	1.36%	0.112%
8	6.239	405	407	409	rVV	141064	133547	1.93%	0.159%
9	6.284	409	411	417	rVV	671795	1104173	15.95%	1.313%
10	6.387	417	420	422	rVV	2348905	2723530	39.33%	3.239%
11	6.479	425	428	432	rVB4	35555	86397	1.25%	0.103%
12	6.581	434	437	438	rBV3	45721	75190	1.09%	0.089%
13	6.604	438	439	443	rVB	801839	1114158	16.09%	1.325%
14	6.764	451	453	456	rBV	2989961	2864815	41.37%	3.407%
15	6.810	456	457	461	rVB2	91119	122705	1.77%	0.146%
16	6.959	467	470	472	rBV2	110056	193721	2.80%	0.230%
17	7.027	474	476	477	rBV	99071	83134	1.20%	0.099%
18	7.130	484	485	488	rBV2	191441	195458	2.82%	0.232%
19	7.187	488	490	492	rBV	2683321	2883679	41.65%	3.429%
20	7.244	493	495	499	rVB3	196655	428026	6.18%	0.509%
21	7.336	501	503	506	rVB3	71365	106191	1.53%	0.126%
22	7.393	506	508	511	rVB4	67727	131860	1.90%	0.157%
23	7.484	513	516	518	rBV2	193148	418946	6.05%	0.498%
24	7.530	518	520	522	rVB2	232421	228265	3.30%	0.271%
25	7.576	522	524	526	rVB3	236522	374847	5.41%	0.446%
26	7.633	526	529	534	rBV6	197615	560446	8.09%	0.666%
27	7.736	534	538	541	rBV2	236229	555051	8.02%	0.660%
28	7.793	541	543	545	rBV2	185186	207762	3.00%	0.247%
29	7.896	548	552	554	rBV	1214117	1810388	26.15%	2.153%
30	7.964	556	558	560	rVB3	179997	285135	4.12%	0.339%
31	8.067	562	567	569	rBV4	371946	797968	11.52%	0.949%
32	8.147	569	574	576	rBV6	489027	851113	12.29%	1.012%
33	8.182	576	577	579	rVB2	297220	310890	4.49%	0.370%
34	8.250	582	583	585	rBV	322320	322915	4.66%	0.384%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.284	585	586	587	rBV	207903	162087	2.34%	0.193%
36	8.353	587	592	594	rBV5	487149	1231710	17.79%	1.465%
37	8.502	602	605	607	rBV	449605	607134	8.77%	0.722%
38	8.547	607	609	611	rVV3	414562	624953	9.03%	0.743%
39	8.593	611	613	615	rVV2	1287264	1607504	23.22%	1.911%
40	8.650	617	618	619	rVV	430517	481626	6.96%	0.573%
41	8.684	619	621	623	rVV2	818478	1319442	19.06%	1.569%
42	8.719	623	624	626	rVV	831153	798599	11.53%	0.950%
43	8.765	626	628	629	rVV	390064	409870	5.92%	0.487%
44	8.799	629	631	632	rVV2	199481	220409	3.18%	0.262%
45	8.845	632	635	637	rVV2	431363	923240	13.33%	1.098%
46	8.925	639	642	644	rVV3	968963	1715703	24.78%	2.040%
47	8.982	644	647	648	rVV	4064439	4037507	58.31%	4.801%
48	9.005	648	649	650	rVV	336209	379114	5.48%	0.451%
49	9.039	650	652	653	rVB	577570	685717	9.90%	0.815%
50	9.073	653	655	656	rBV	517528	529409	7.65%	0.630%
51	9.096	656	657	660	rVB3	431272	531207	7.67%	0.632%
52	9.153	660	662	663	rBV	380985	588438	8.50%	0.700%
53	9.245	668	670	672	rBV3	155266	178169	2.57%	0.212%
54	9.302	673	675	678	rBV3	516772	823924	11.90%	0.980%
55	9.359	678	680	681	rBV2	239234	395200	5.71%	0.470%
56	9.462	688	689	692	rVB3	390407	355583	5.14%	0.423%
57	9.553	696	697	702	rVB3	666009	1306016	18.86%	1.553%
58	9.645	702	705	707	rBV2	1675795	2623858	37.89%	3.120%
59	9.930	727	730	731	rBV2	301288	625408	9.03%	0.744%
60	9.965	731	733	734	rVV2	242143	409218	5.91%	0.487%
61	9.988	734	735	737	rVV2	390064	531379	7.67%	0.632%
62	10.045	737	740	742	rVV3	676785	1435888	20.74%	1.707%
63	10.113	742	746	748	rVB5	539090	1289059	18.62%	1.533%
64	10.182	750	752	754	rBV2	131025	184611	2.67%	0.220%
65	10.250	756	758	761	rBV4	364805	788659	11.39%	0.938%
66	10.376	767	769	770	rBV2	165217	253807	3.67%	0.302%
67	10.445	772	775	777	rVV2	2134883	3045036	43.98%	3.621%
68	10.502	777	780	783	rVV4	327395	711822	10.28%	0.846%
69	10.582	785	787	790	rVV	792866	1069959	15.45%	1.272%
70	10.639	790	792	793	rVV	1016845	1457292	21.05%	1.733%
71	10.673	793	795	796	rVV	1379597	1888033	27.27%	2.245%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.696	796	797	801	rVV2	1358765	2439648	35.23%	2.901%
73	10.765	801	803	806	rVV2	802295	1671065	24.13%	1.987%
74	10.810	806	807	809	rVV2	1547449	1679454	24.25%	1.997%
75	10.856	809	811	813	rVV3	1107085	2143550	30.96%	2.549%
76	10.890	813	814	816	rVB	1132960	884422	12.77%	1.052%
77	10.936	816	818	820	rBV3	184312	273942	3.96%	0.326%
78	11.005	823	824	826	rVB	235140	177026	2.56%	0.211%
79	11.130	833	835	837	rVB	1255920	1200133	17.33%	1.427%
80	11.348	852	854	856	rBV	164525	232187	3.35%	0.276%
81	11.416	856	860	862	rVV2	421644	1006761	14.54%	1.197%
82	11.451	862	863	866	rVV3	191010	289155	4.18%	0.344%
83	11.508	866	868	870	rVB	238309	240819	3.48%	0.286%
84	11.588	870	875	876	rBV4	97061	246716	3.56%	0.293%
85	11.633	877	879	882	rVV	227188	353633	5.11%	0.421%
86	11.679	882	883	887	rVV2	282139	419309	6.06%	0.499%
87	11.748	887	889	891	rVB	89034	102629	1.48%	0.122%
88	11.805	892	894	898	rVB3	135943	187923	2.71%	0.223%
89	12.148	922	924	926	rBV	178066	292953	4.23%	0.348%
90	12.193	926	928	936	rVB	169513	337095	4.87%	0.401%
91	12.376	941	944	946	rBV2	61939	118493	1.71%	0.141%
92	12.456	949	951	953	rVV	163172	169426	2.45%	0.201%
93	12.548	957	959	962	rVB2	156640	184883	2.67%	0.220%
94	12.708	970	973	976	rBV	2968503	3291883	47.54%	3.914%
95	13.245	1018	1020	1022	rVB	134192	121362	1.75%	0.144%
96	13.611	1050	1052	1055	rBV	81667	110126	1.59%	0.131%
97	13.748	1062	1064	1067	rBV	907366	901457	13.02%	1.072%
98	14.388	1118	1120	1122	rBV	102142	108378	1.57%	0.129%
99	15.108	1181	1183	1186	rBV	648233	771054	11.14%	0.917%

Sum of corrected areas: 84096657

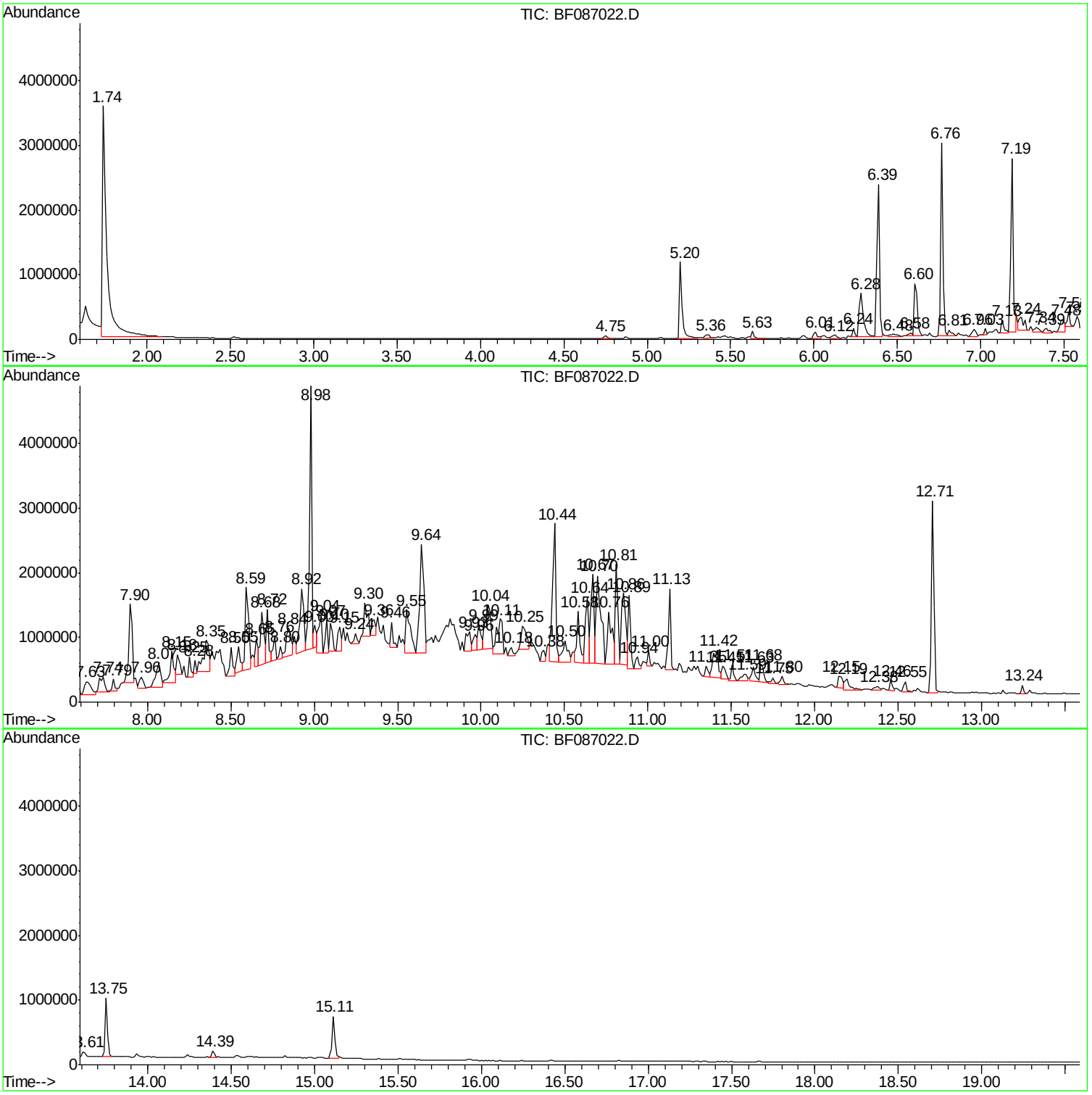
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

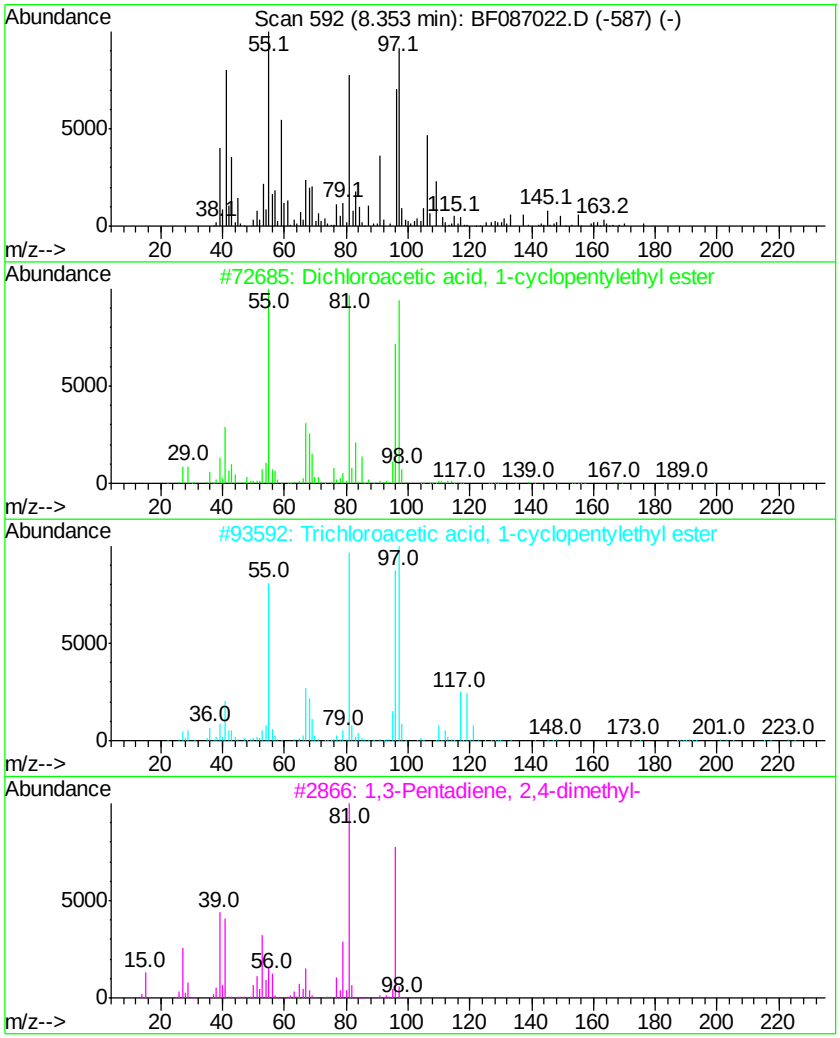
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

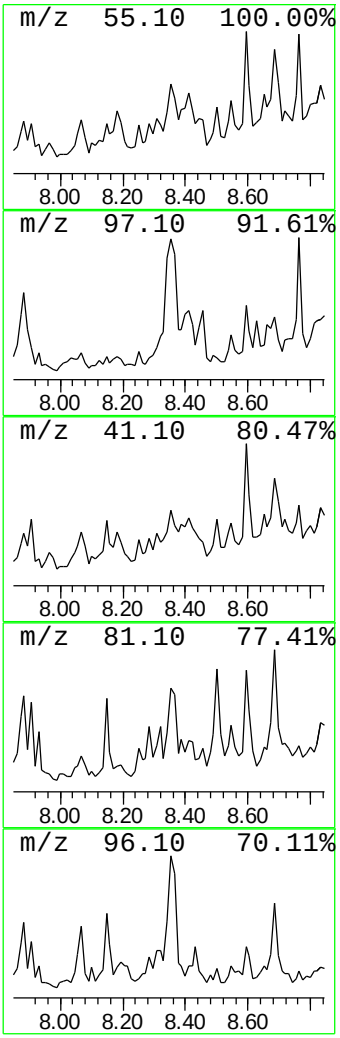
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dichloroacetic acid, 1-cycl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	13.61 ng	1231710	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	52
2	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	50
3	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	30
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	27
5	6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

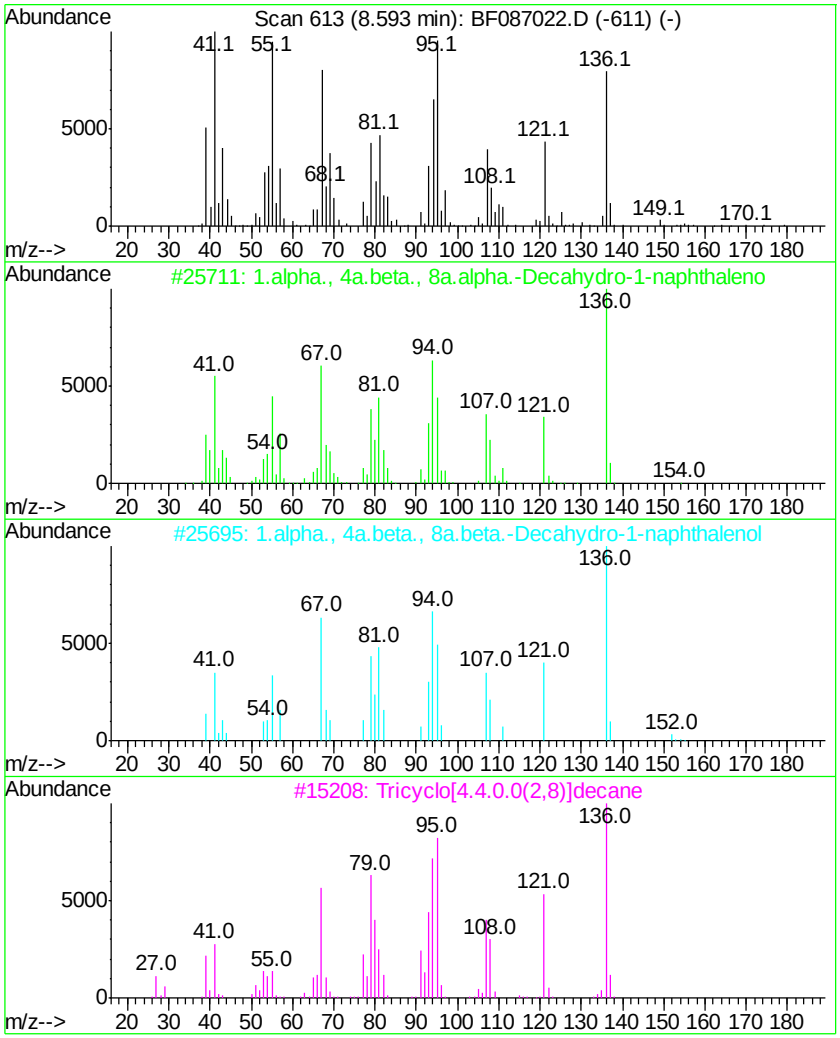
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

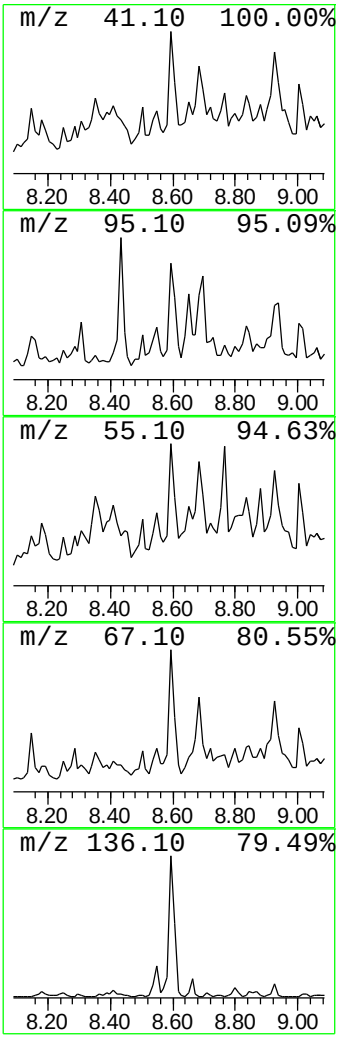
****

Peak Number 5 1.alpha., 4a.beta., 8a.alph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	17.76 ng	1607500	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	96
2	1.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	002529-05-7	95
3	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	70
4	2.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	001424-37-9	70
5	2.alpha., 4a.alpha., 8a.alpha.-D...	154	C10H18O	001424-36-8	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

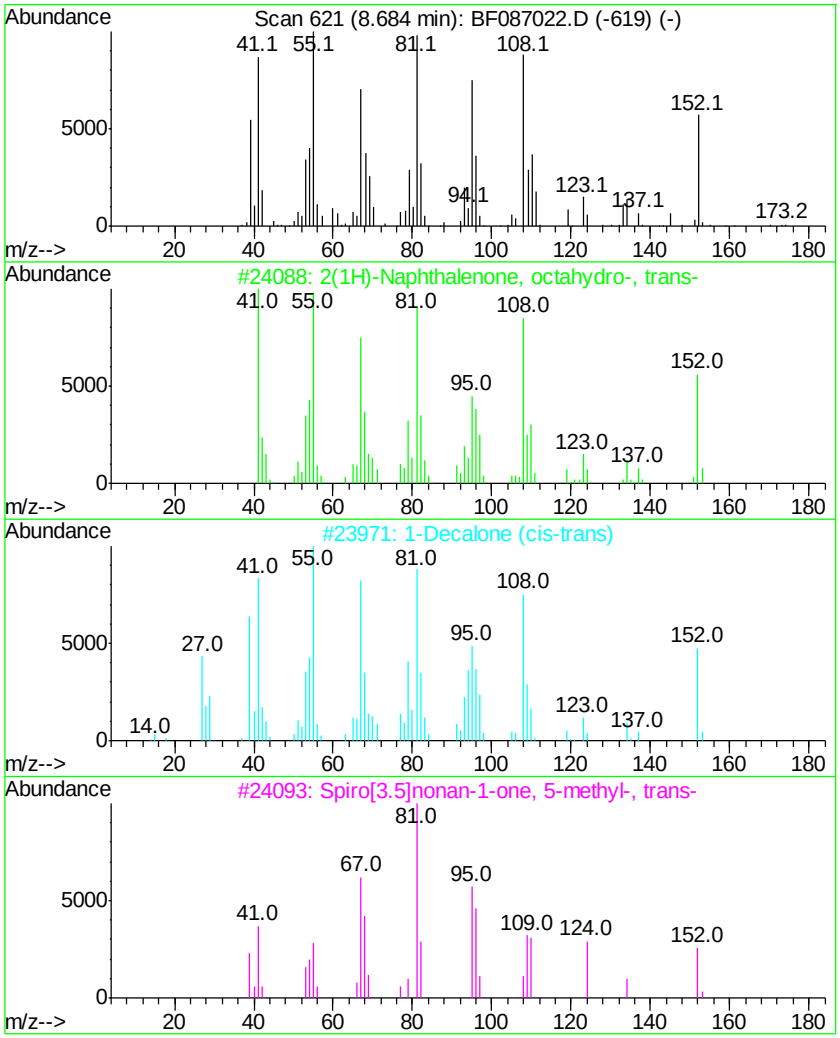
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

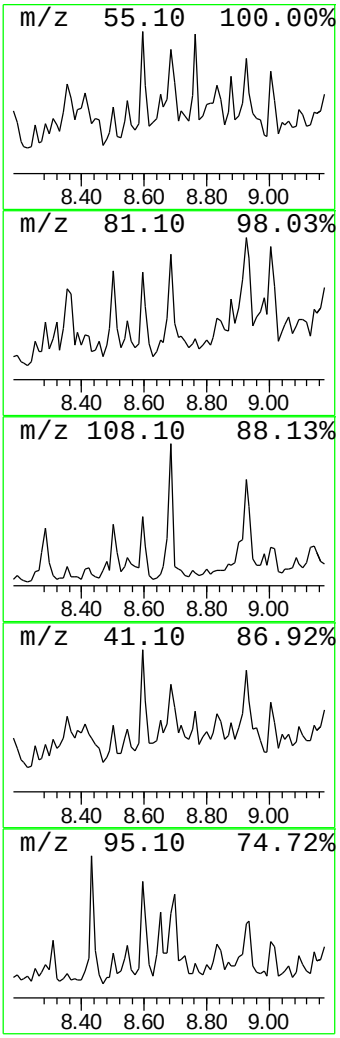
****

Peak Number 6 2(1H)-Naphthalenone, octahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	14.58 ng	1319440	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	93
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	89
3	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	70
4	2-Decalone,c&t	152	C10H16O	004832-17-1	62
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

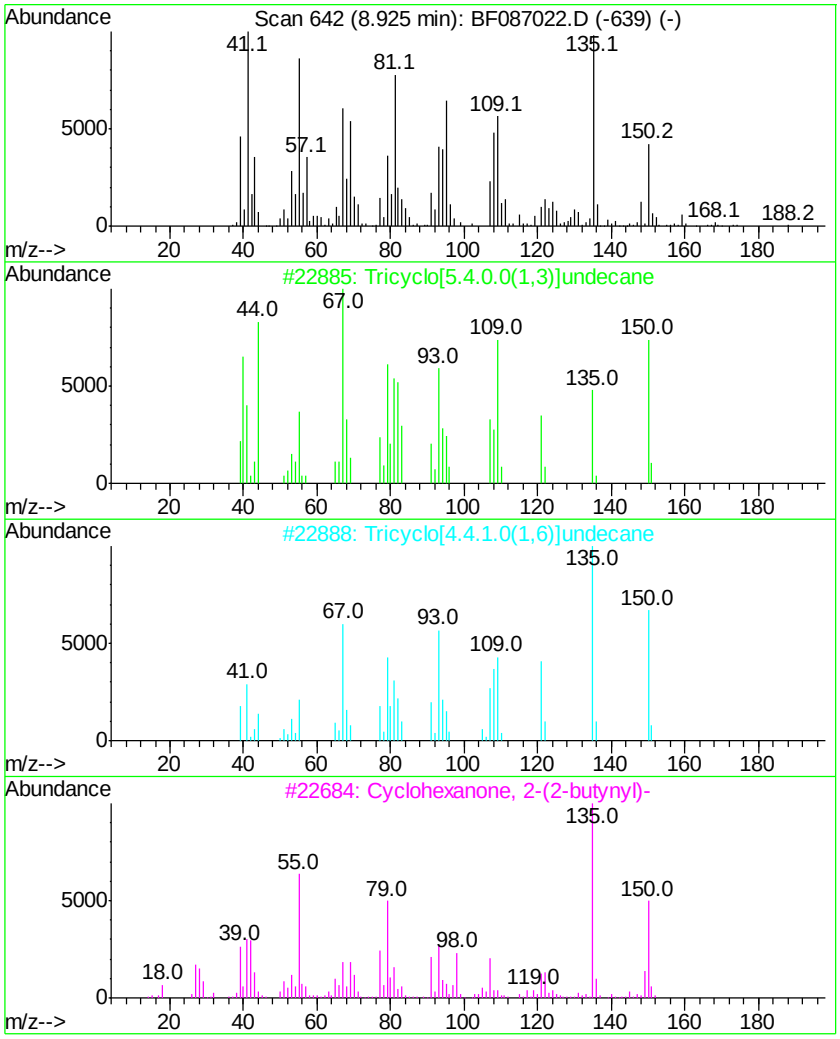
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

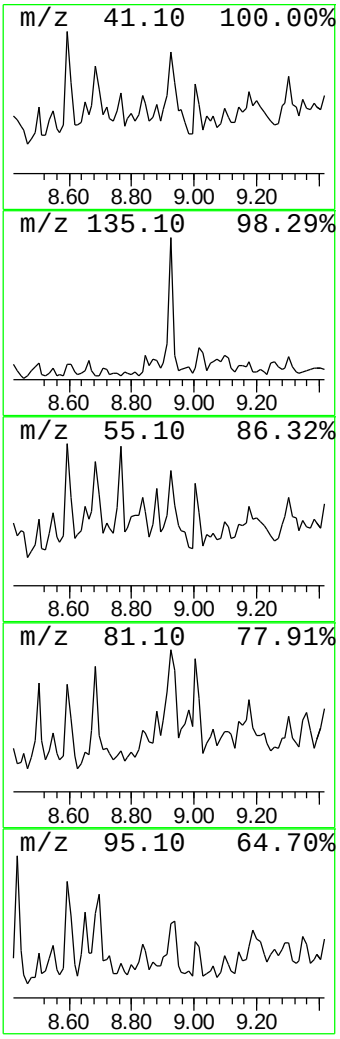
****

Peak Number 7 Tricyclo[5.4.0.0(1,3)]undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	13.08 ng	1715700	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.4.0.0(1,3)]undecane	150	C11H18	1000280-74-7	50
2	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	43
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	30
4	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	30
5	9-Azadispiro[3.1.3.0]nonane	123	C8H13N	135763-48-3	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

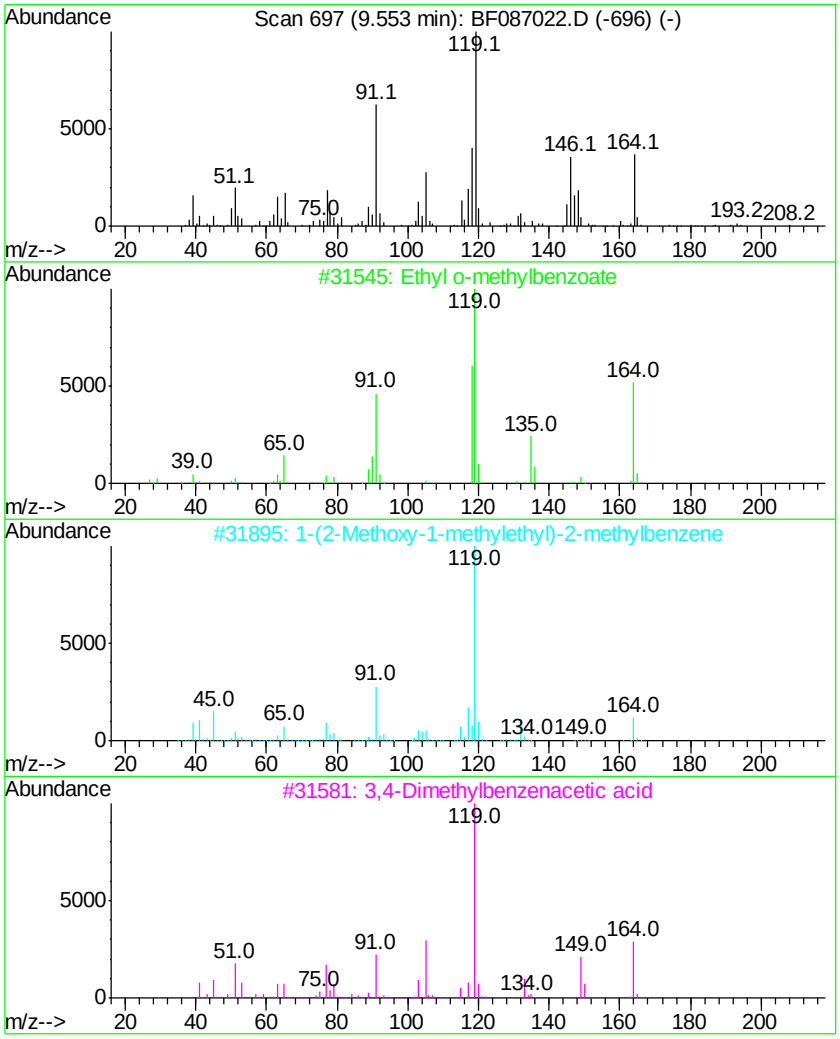
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

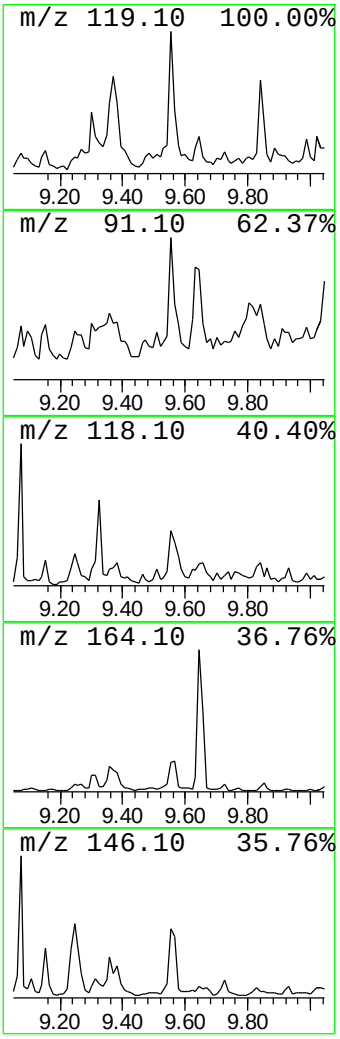
****

Peak Number 8 Ethyl o-methylbenzoate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	9.95 ng	1306020	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	53
2	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	46
3	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	46
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	45
5	4-Aminostyrene	119	C8H9N	001520-21-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

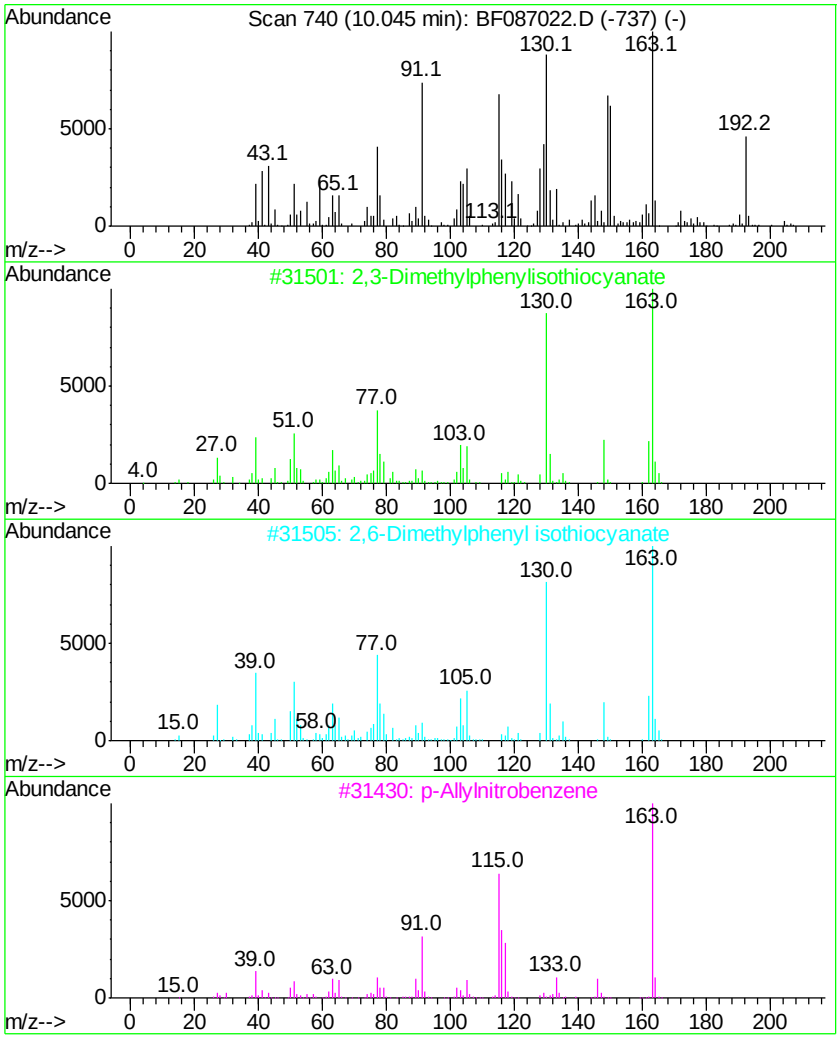
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

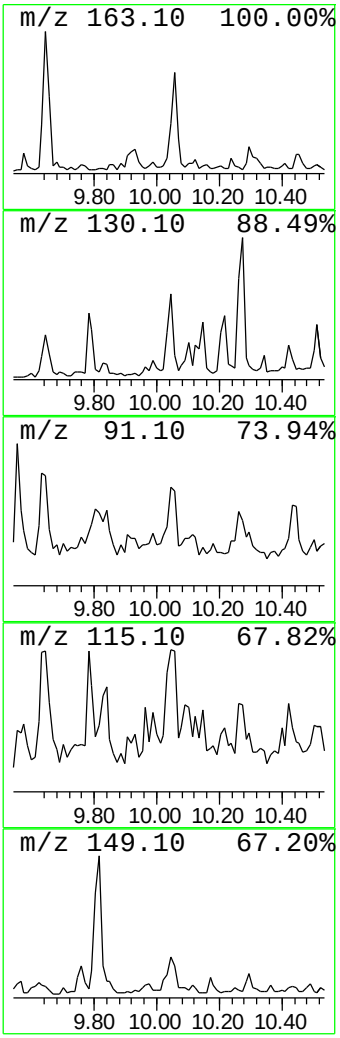
****

Peak Number 9 unknown10.04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	10.94 ng	1435890	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethylphenylisothiocyanate	163	C9H9NS	001539-20-4	38
2	2,6-Dimethylphenyl isothiocyanate	163	C9H9NS	019241-16-8	38
3	p-Allylnitrobenzene	163	C9H9NO2	053483-17-3	35
4	2,5-Dimethylphenyl isothiocyanate	163	C9H9NS	019241-15-7	30
5	9-Methylbenzonorbornen-2-one	172	C12H12O	1000110-51-6	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

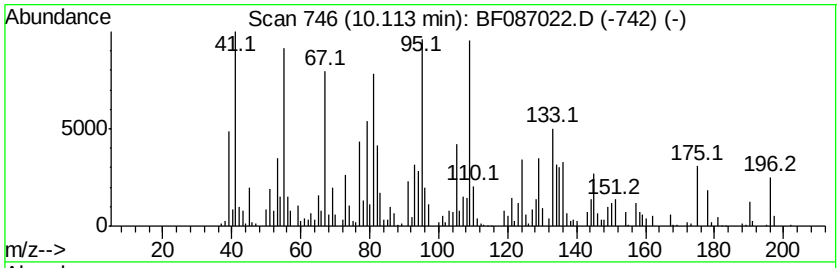
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

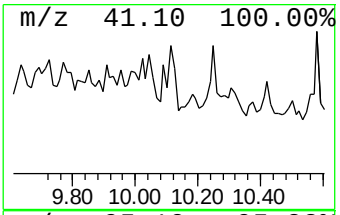
****

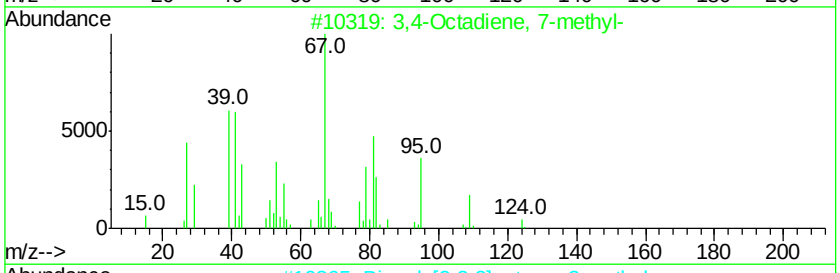
Peak Number 10 3,4-Octadiene, 7-methyl- Concentration Rank 20

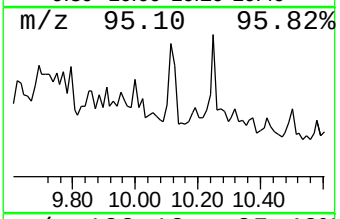
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	9.83 ng	1289060	Acenaphthene-d10	9.64

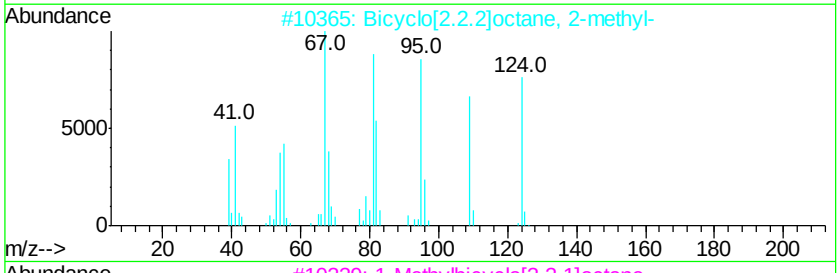
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	62
2	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	60
3	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	49
4	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	30
5	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	30

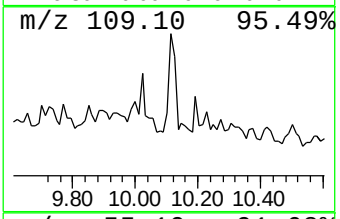


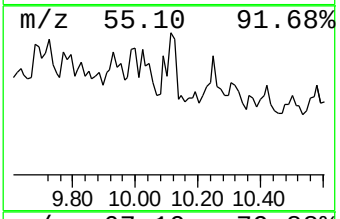


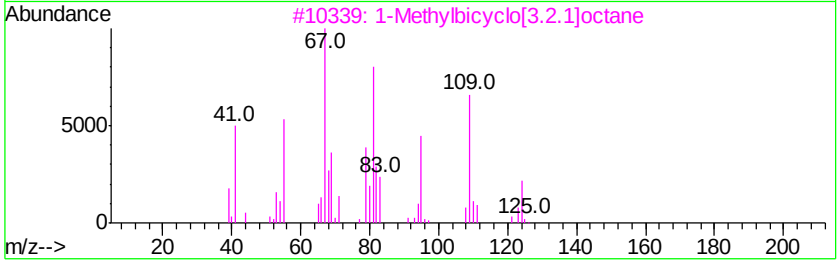


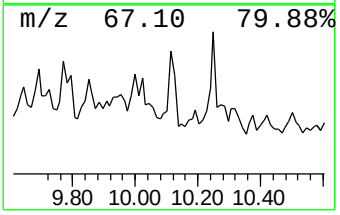












Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

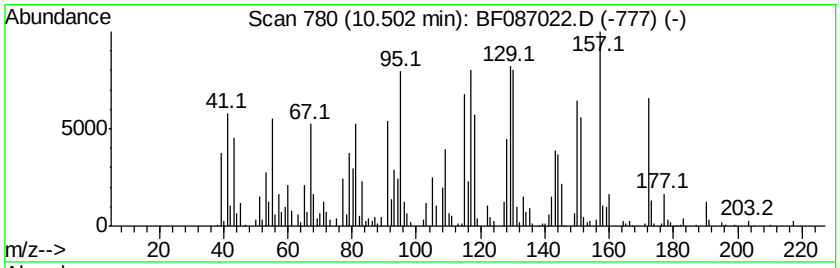
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

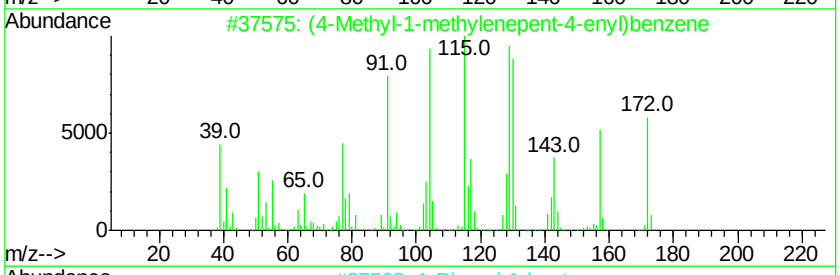
****

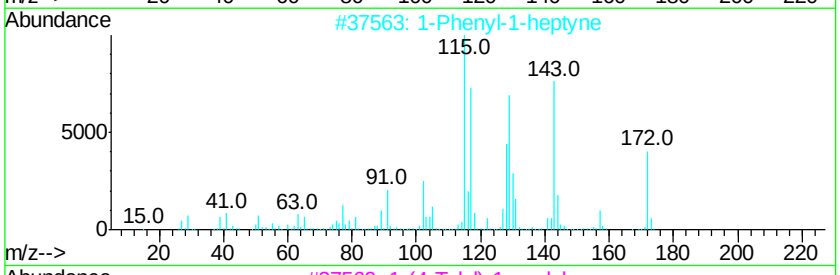
Peak Number 11 unknown10.50 Concentration Rank 17

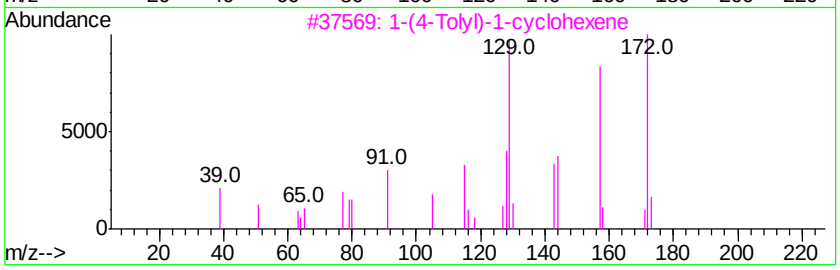
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	11.86 ng	711822	Phenanthrene-d10	11.13

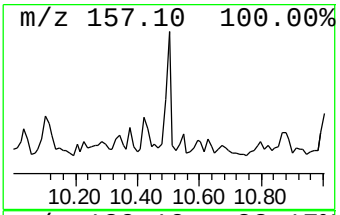
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Methyl-1-methylenepent-4-enyl...	172	C13H16	063942-88-1	45
2	1-Phenyl-1-heptyne	172	C13H16	014374-45-9	41
3	1-(4-Tolyl)-1-cyclohexene	172	C13H16	001821-23-4	38
4	Benzene, 2-heptynyl-	172	C13H16	054725-17-6	30
5	1-Phenylbicyclo(4.1.0)heptane	172	C13H16	002415-82-9	30

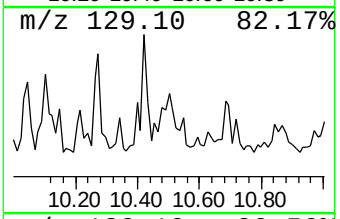


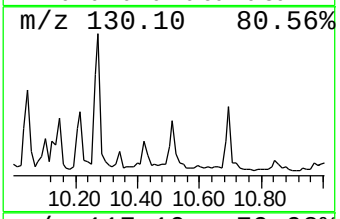


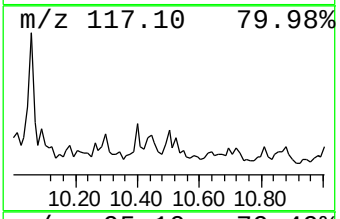


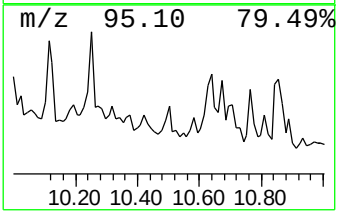












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

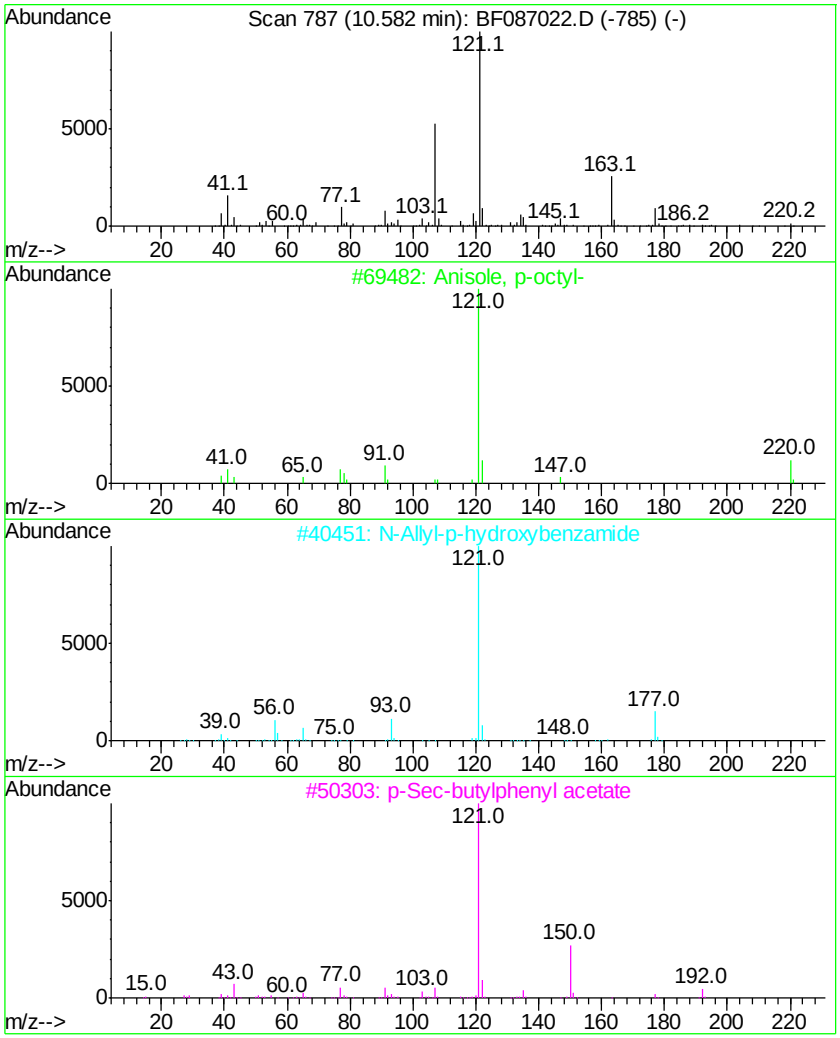
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

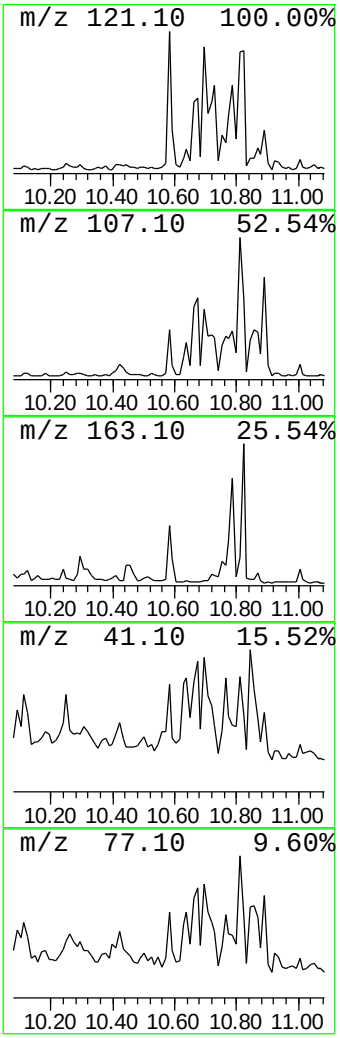
****

Peak Number 12 unknown10.58 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	17.83 ng	1069960	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, p-octyl-	220	C15H24O	003307-19-5	43
2	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
4	Phenol, 2-(1-methylpropyl)-, met...	207	C12H17NO2	003766-81-2	38
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

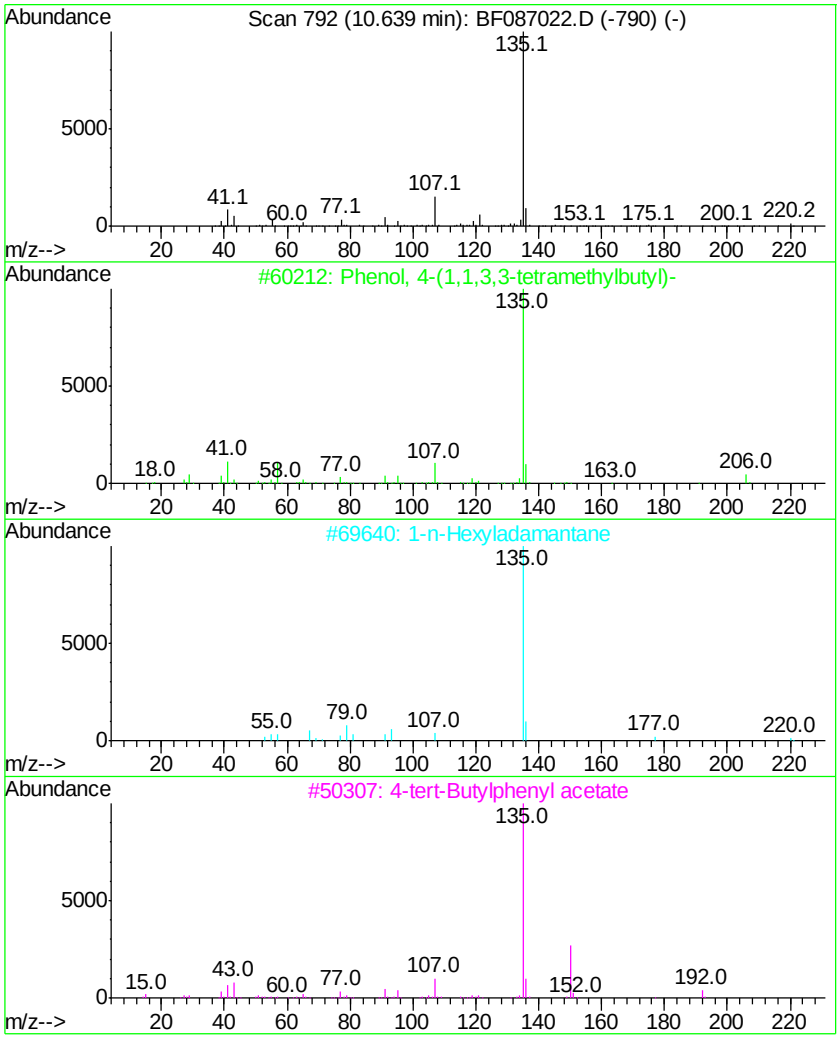
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

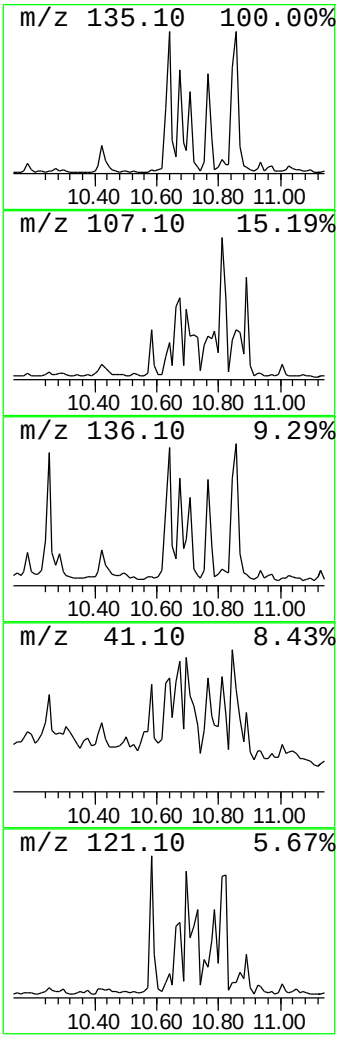
****

Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	24.29 ng	1457290	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
5	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

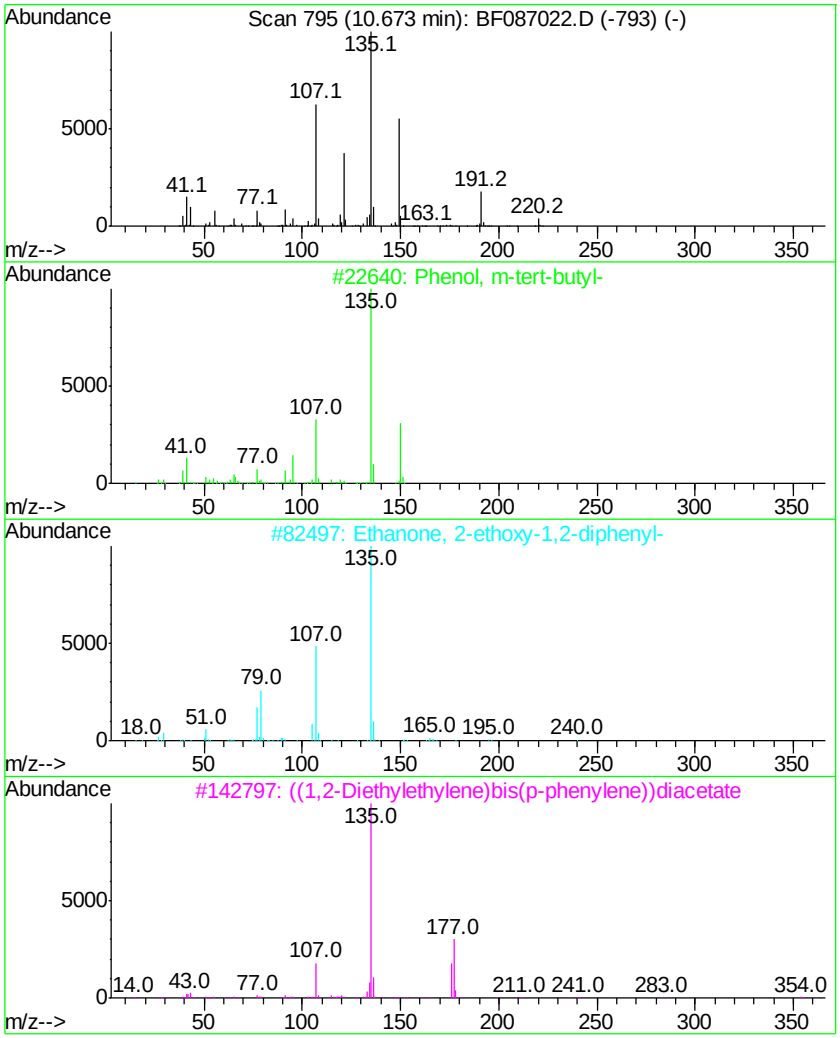
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

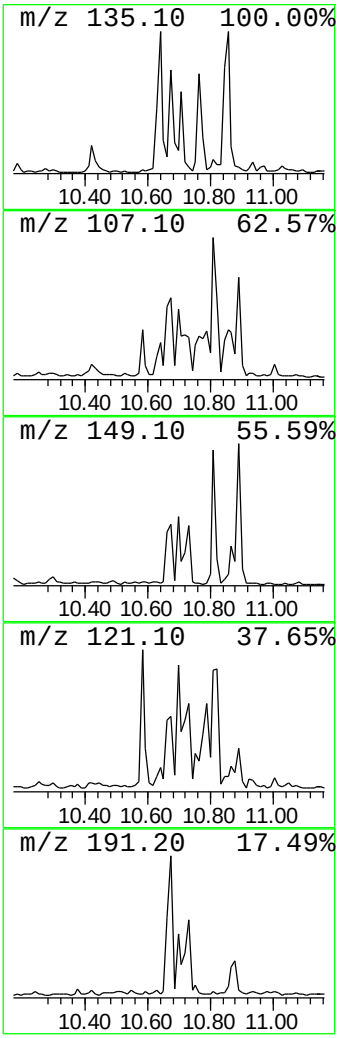
****

Peak Number 14 Phenol, m-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	31.46 ng	1888030	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
2	Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	50
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	47
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	43
5	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

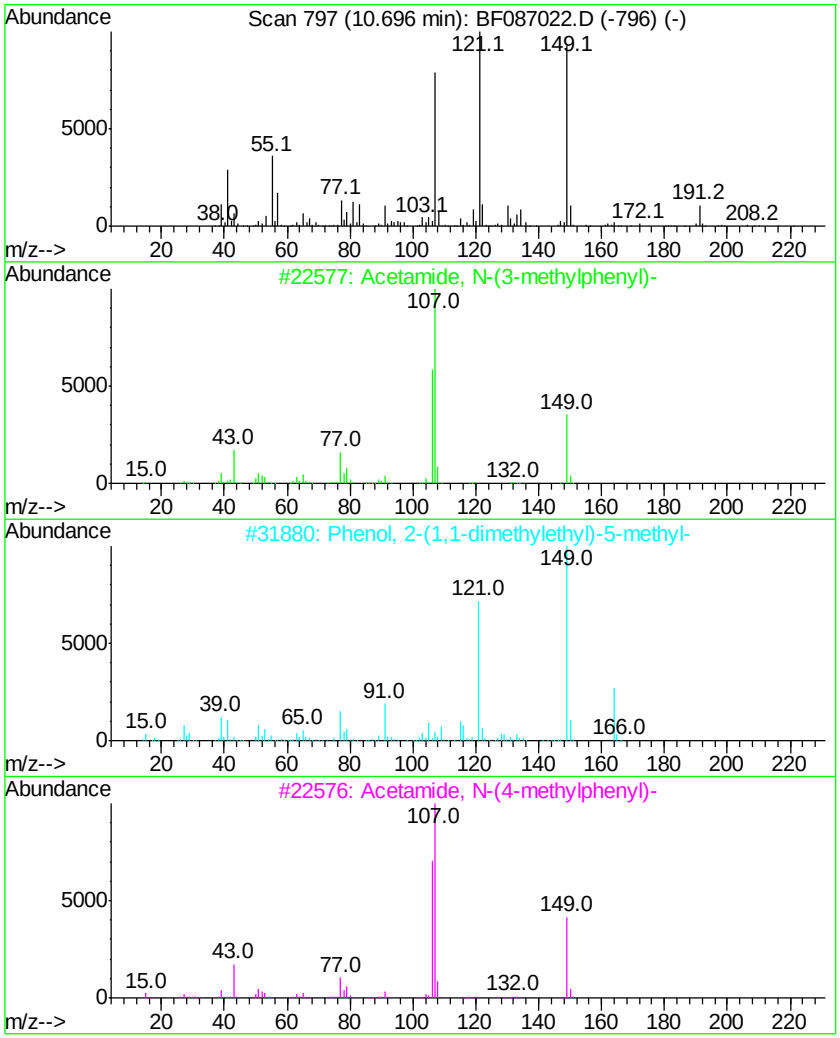
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

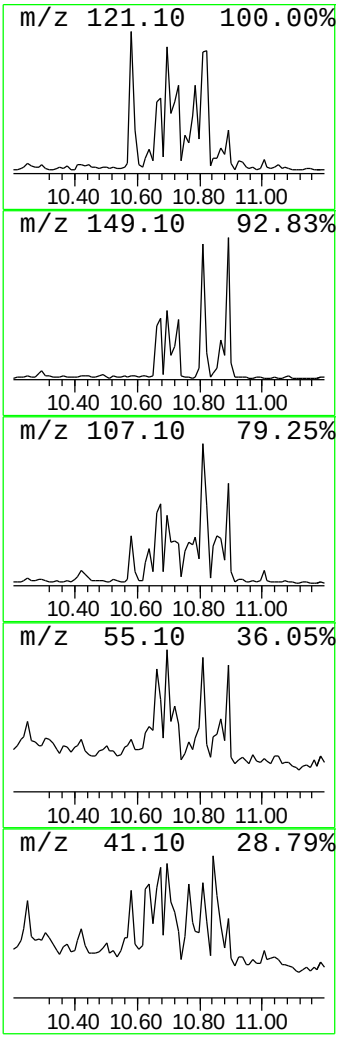
****

Peak Number 15 Acetamide, N-(3-methylphenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	40.66 ng	2439650	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	55
2	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	50
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	43
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

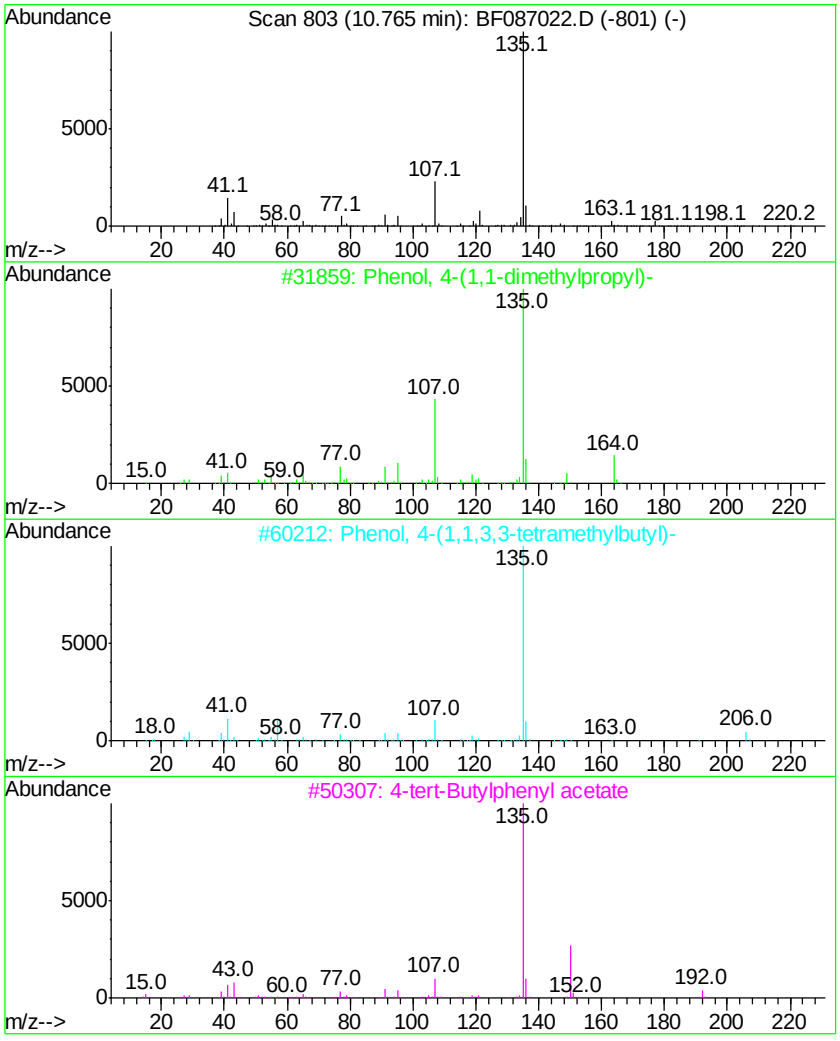
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

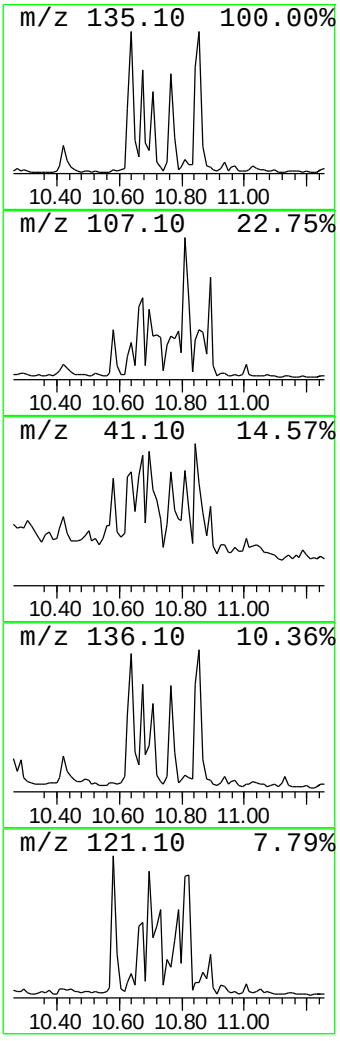
****

Peak Number 16 Phenol, 4-(1,1-dimethylprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	27.85 ng	1671070	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59
4	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	56
5	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

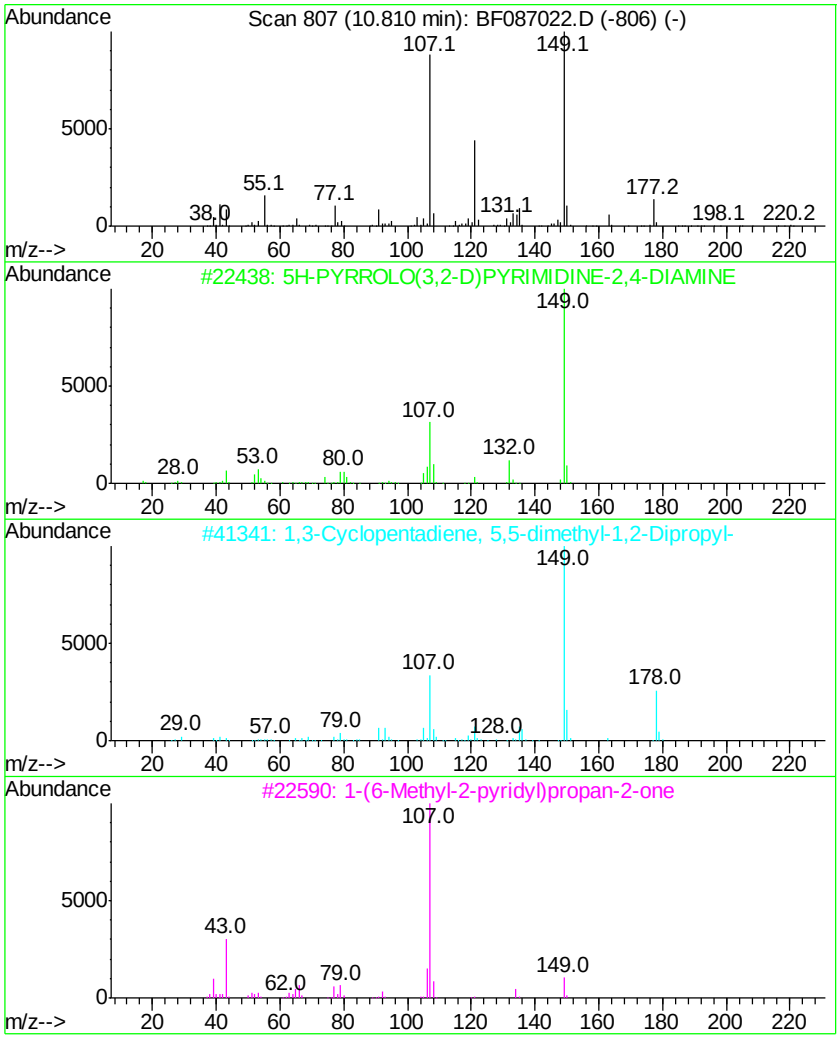
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

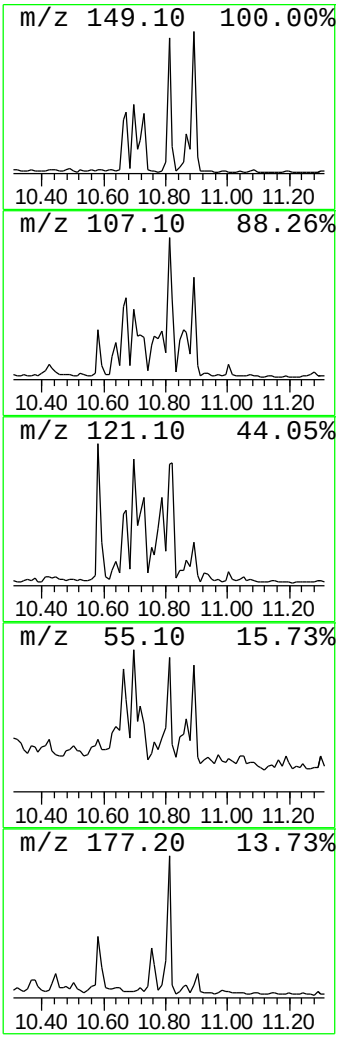
****

Peak Number 17 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	27.99 ng	1679450	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	64
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	50
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	45
4	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

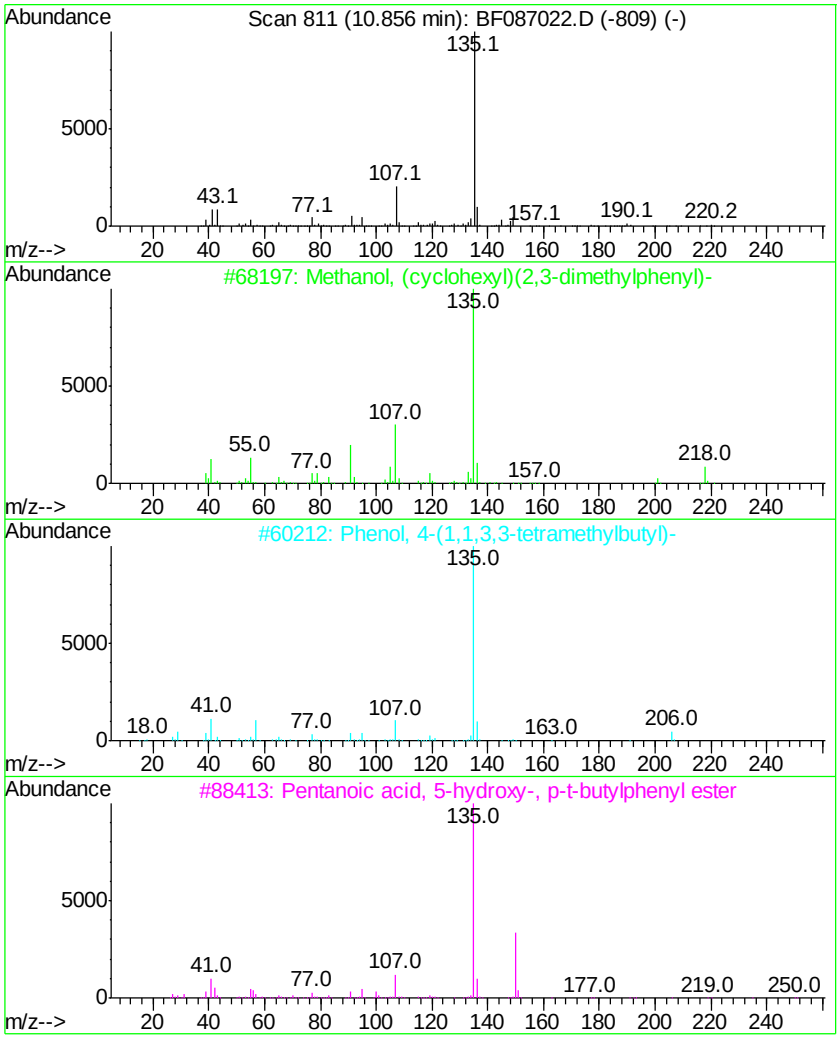
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

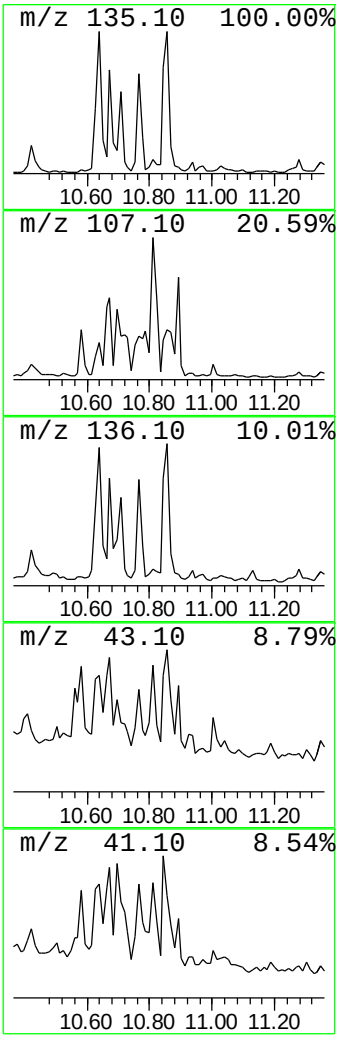
****

Peak Number 18 Methanol, (cyclohexyl)(2,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	35.72 ng	2143550	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

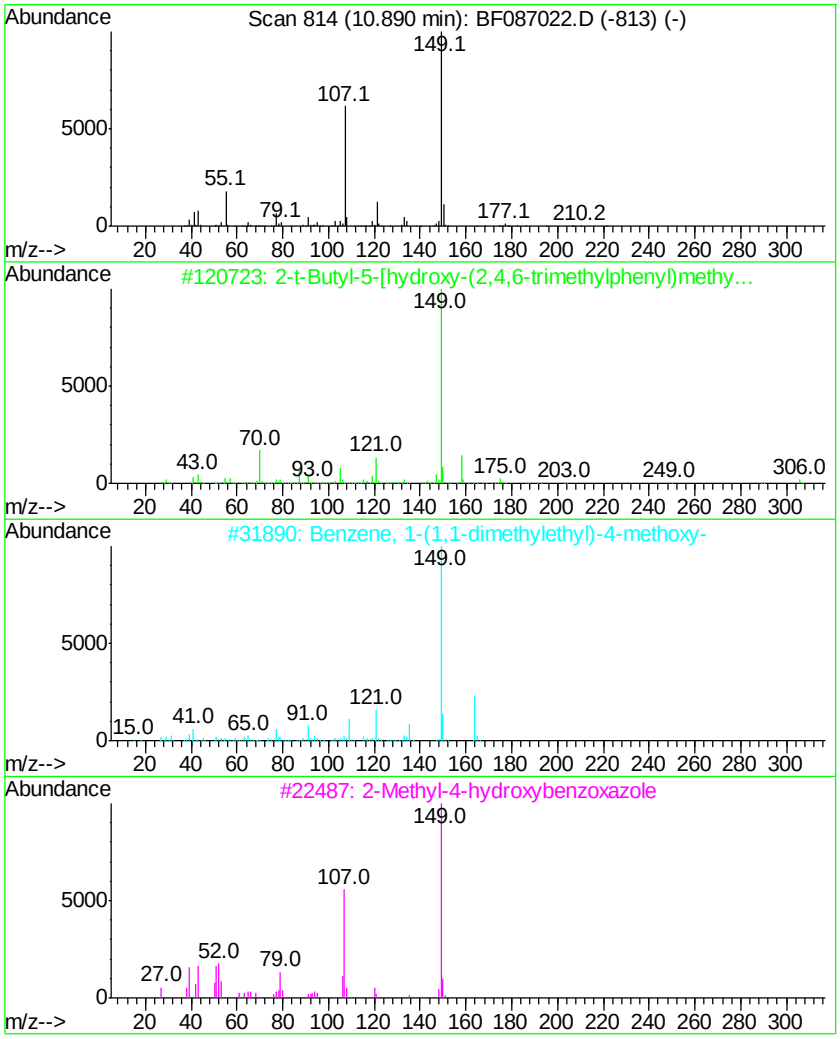
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

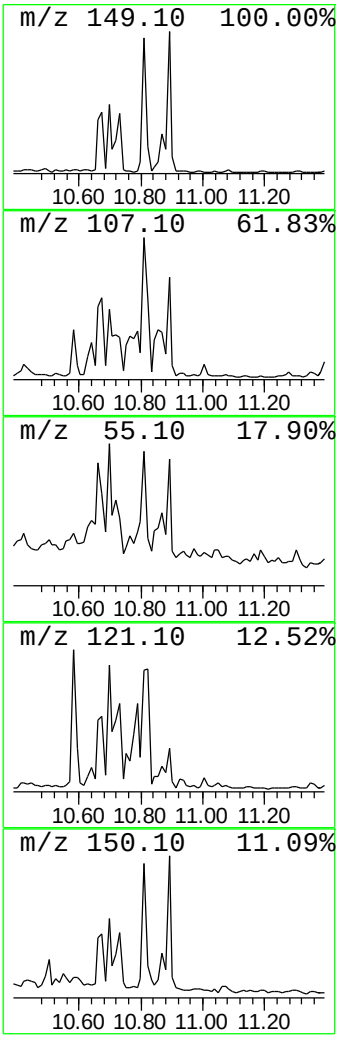
****

Peak Number 19 unknown10.89 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	14.74 ng	884422	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	40
2	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	40
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	40
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
5	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	39





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

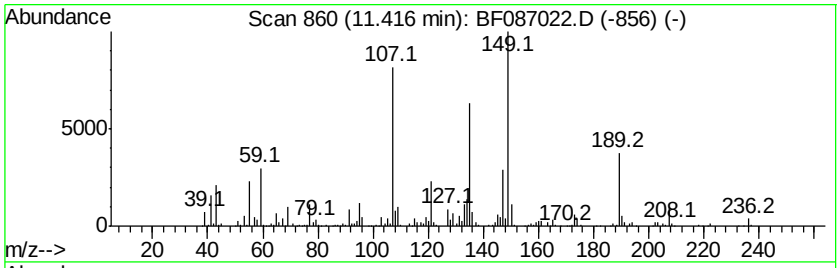
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

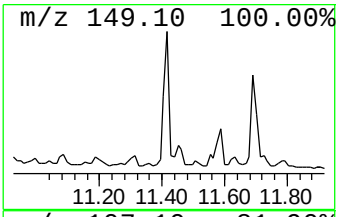
****

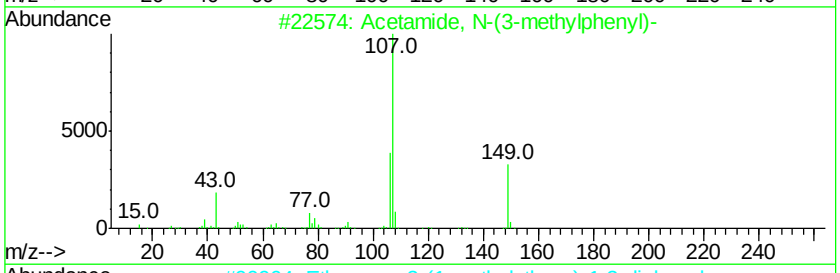
Peak Number 20 unknown11.42 Concentration Rank 12

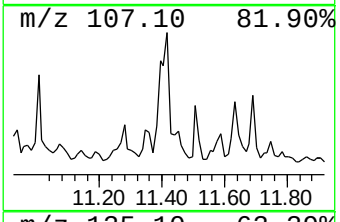
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	16.78 ng	1006760	Phenanthrene-d10	11.13

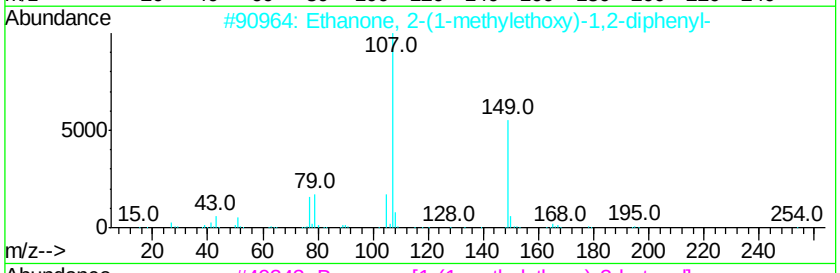
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
2	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	43
3	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	35
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	27
5	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	18

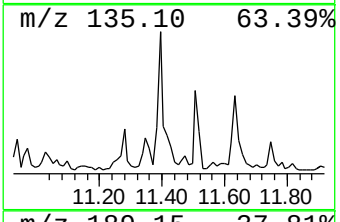


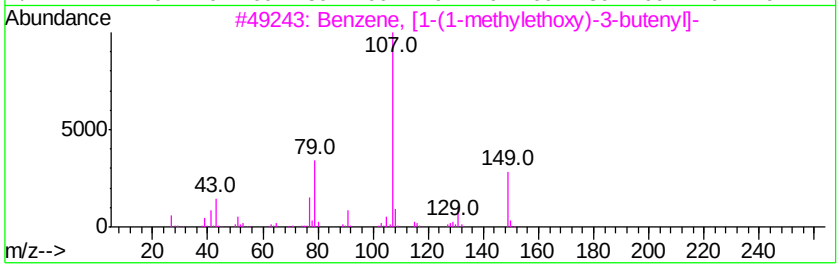


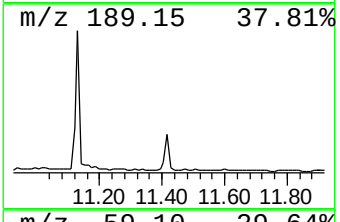


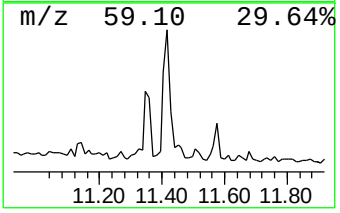












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087022.D
Acq On : 14 May 2016 16:13
Operator : UM/SJ
Sample : H2947-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
Dichloroacetic ac...	8.35	13.6	ng	1231710	2	7.90	1810390	20.0
1.alpha., 4a.beta...	8.59	17.8	ng	1607500	2	7.90	1810390	20.0
2(1H)-Naphthaleno...	8.68	14.6	ng	1319440	2	7.90	1810390	20.0
Tricyclo[5.4.0.0(...	8.92	13.1	ng	1715700	3	9.64	2623860	20.0
Ethyl o-methylben...	9.55	9.9	ng	1306020	3	9.64	2623860	20.0
unknown10.04	10.04	10.9	ng	1435890	3	9.64	2623860	20.0
3,4-Octadiene, 7-...	10.11	9.8	ng	1289060	3	9.64	2623860	20.0
unknown10.50	10.50	11.9	ng	711822	4	11.13	1200130	20.0
unknown10.58	10.58	17.8	ng	1069960	4	11.13	1200130	20.0
Phenol, 4-(1,1,3,...	10.64	24.3	ng	1457290	4	11.13	1200130	20.0
Phenol, m-tert-bu...	10.67	31.5	ng	1888030	4	11.13	1200130	20.0
Acetamide, N-(3-m...	10.70	40.7	ng	2439650	4	11.13	1200130	20.0
Phenol, 4-(1,1-di...	10.76	27.9	ng	1671070	4	11.13	1200130	20.0
5H-PYRROLO(3,2-D)...	10.81	28.0	ng	1679450	4	11.13	1200130	20.0
Methanol, (cycloh...	10.86	35.7	ng	2143550	4	11.13	1200130	20.0
unknown10.89	10.89	14.7	ng	884422	4	11.13	1200130	20.0
unknown11.42	11.42	16.8	ng	1006760	4	11.13	1200130	20.0