LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	577	rBV	747943	1297120	39.67%	4.870%
2	6.375	726	729	748	rBV	490889	920151	28.14%	3.454%
3	6.657	771	777	782	rVB2	111713	141295	4.32%	0.530%
4	6.710	782	786	796	rVV	608290	624831	19.11%	2.346%
5	6.787	796	799	807	rVB	52196	68885	2.11%	0.259%
6	6.887	813	816	821	rVB	185383	170638	5.22%	0.641%
7	6.957	825	828	837	rVB	113051	112848	3.45%	0.424%
8	7.028	837	840	845	rBV	102750	105216	3.22%	0.395%
9	7.239	867	876	879	rBV	98709	92772	2.84%	0.348%
10	7.281	879	883	892	rBV	1817995	2058551	62.95%	7.728%
11	7.351	892	895	899	rVV	73881	98101	3.00%	0.368%
12	7.392	899	902	909	rVB	87526	89808	2.75%	0.337%
13	7.457	909	913	915	rBV2	40971	46060	1.41%	0.173%
14	7.481	915	917	921	rVB2	44152	38616	1.18%	0.145%
15	7.639	941	944	946	rBV	80184	66618	2.04%	0.250%
16	7.675	946	950	955	rVB3	98910	134384	4.11%	0.504%
17	7.728	955	959	962	rBV4	47848	60498	1.85%	0.227%
18	7.798	967	971	974	rVV2	46285	49639	1.52%	0.186%
19	7.828	974	976	983	rVB5	29950	40105	1.23%	0.151%
20	7.922	989	992	995	rBV3	35310	44127	1.35%	0.166%
21	7.992	1001	1004	1010	rBV	829182	917329	28.05%	3.444%
22	8.033	1010	1011	1015	rVV2	107818	78146	2.39%	0.293%
23	8.081	1015	1019	1022	rVB2	36991	45031	1.38%	0.169%
24	8.186	1033	1037	1040	rBV	298253	252617	7.73%	0.948%
25	8.233	1041	1045	1048	rVV	294199	271700	8.31%	1.020%
26	8.369	1064	1068	1071	rBV3	59921	62326	1.91%	0.234%
27	8.439	1075	1080	1082	rBV4	23210	39513	1.21%	0.148%
28	8.469	1082	1085	1092	rBV3	77245	131583	4.02%	0.494%
29	8.551	1097	1099	1102	rVB2	46232	40470	1.24%	0.152%
30	8.610	1106	1109	1113	rVB4	55171	64249	1.96%	0.241%
31	8.663	1115	1118	1125	rBV4	58953	95015	2.91%	0.357%
32	8.781	1135	1138	1140	rBV2	42891	42816	1.31%	0.161%
33	8.810	1140	1143	1145	rBV	190019	191258	5.85%	0.718%
34	8.892	1151	1157	1162	rBV3	118736	250924	7.67%	0.942%
35	8.951	1165	1167	1172	rVB3	81033	90043	2.75%	0.338%
36	8.998	1172	1175	1177	rBV2	85534	91226	2.79%	0.342%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.069	1181	1187	1190	rVV	3582499	3269931	100.00%	12.276%
38	9.122	1194	1196	1198	rBV	47497	36937	1.13%	0.139%
39	9.169	1202	1204	1210	rVV4	96816	147755	4.52%	0.555%
40	9.251	1214	1218	1221	rBV3	155409	196858	6.02%	0.739%
41	9.275	1221	1222	1225	rVB2	59250	48685	1.49%	0.183%
42	9.339	1229	1233	1235	rBV4	44779	52125	1.59%	0.196%
43	9.386	1238	1241	1245	rBV2	139523	193907	5.93%	0.728%
44	9.422	1245	1247	1252	rVB3	153409	183098	5.60%	0.687%
45	9.469	1252	1255	1258	rBV	252791	207546	6.35%	0.779%
46	9.604	1275	1278	1285	rVB5	63203	96421	2.95%	0.362%
47	9.669	1286	1289	1292	rVB4	48095	46485	1.42%	0.175%
48	9.745	1297	1302	1311	rVV	1090000	1116718	34.15%	4.192%
49	9.863	1317	1322	1324	rBV2	163792	230156	7.04%	0.864%
50	9.927	1330	1333	1335	rBV3	42208	47140	1.44%	0.177%
51	9.957	1335	1338	1340	rVV2	72833	72348	2.21%	0.272%
52	9.980	1340	1342	1346	rVB4	53900	60430	1.85%	0.227%
53	10.063	1352	1356	1359	rBV2	91539	98473	3.01%	0.370%
54	10.110	1361	1364	1367	rBV3	116074	127985	3.91%	0.480%
55	10.251	1385	1388	1391	rBV2	87263	118534	3.62%	0.445%
56	10.357	1403	1406	1411	rBV3	147057	195520	5.98%	0.734%
57	10.445	1419	1421	1425	rBV3	49656	56852	1.74%	0.213%
58	10.504	1428	1431	1434	rVV2	183472	198674	6.08%	0.746%
59	10.545	1434	1438	1443	rVB	2364940	2325925	71.13%	8.732%
60	10.898	1495	1498	1502	rVB3	60715	69534	2.13%	0.261%
61	11.086	1527	1530	1532	rBV3	42301	47930	1.47%	0.180%
62	11.110	1532	1534	1537	rVB2	61512	53806	1.65%	0.202%
63	11.233	1552	1555	1558	rBV	1095659	912817	27.92%	3.427%
64	11.357	1573	1576	1581	rVB3	82837	100474	3.07%	0.377%
65	11.398	1581	1583	1587	rBV3	45303	53647	1.64%	0.201%
66	11.480	1594	1597	1600	rBV	291967	257679	7.88%	0.967%
67	11.522	1602	1604	1607	rVB	67568	56421	1.73%	0.212%
68	11.616	1618	1620	1623	rVB2	58324	50233	1.54%	0.189%
69	11.769	1643	1646	1652	rBV3	574123	656271	20.07%	2.464%
70	11.957	1675	1678	1681	rVV	86226	69148	2.11%	0.260%
71	12.010	1684	1687	1692	rVB2	159042	152049	4.65%	0.571%
72	12.145	1707	1710	1713	rBV3	39869	43695	1.34%	0.164%
73	12.251	1724	1728	1731	rBV2	82888	108380	3.31%	0.407%
74	12.280	1731	1733	1743	rVB2	75041	120805	3.69%	0.454%
75	12.433	1756	1759	1761	rBV2	33197	36125	1.10%	0.136%
76	12.457	1761	1763	1769	rVB4	48567	62370	1.91%	0.234%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.551	1775	1779	1784	rBV	204254	226674	6.93%	0.851%
78	12.680	1798	1801	1804	rBV2	38956	41976	1.28%	0.158%
79	12.821	1820	1825	1828	rBV	3407141	3252982	99.48%	12.212%
80	13.098	1869	1872	1880	rVB2	29709	42738	1.31%	0.160%
81	13.710	1972	1976	1987	rBV	495672	568676	17.39%	2.135%
82	13.880	2002	2005	2013	rVB	721890	709459	21.70%	2.663%
83	14.021	2027	2029	2039	rVB3	28696	42549	1.30%	0.160%
84	14.327	2078	2081	2083	rBV2	35650	37712	1.15%	0.142%
85	14.692	2140	2143	2147	rVB	40526	42982	1.31%	0.161%
86	14.939	2182	2185	2189	rBV	41312	44965	1.38%	0.169%
87	15.321	2246	2250	2265	rVB	421514	604335	18.48%	2.269%
88	15.698	2310	2314	2320	rVB	35365	49302	1.51%	0.185%
89	15.762	2320	2325	2331	rBV3	35738	68446	2.09%	0.257%

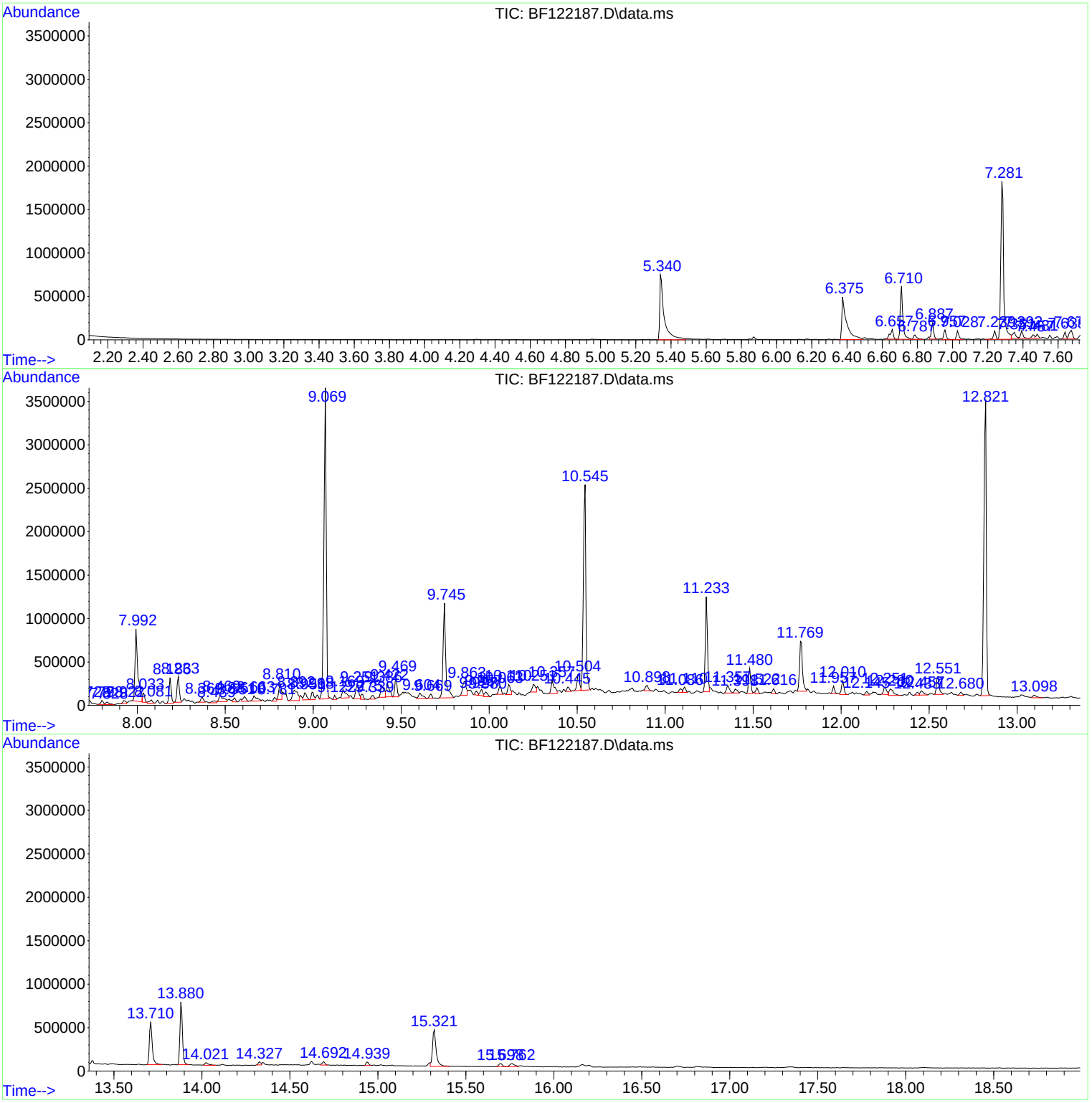
Sum of corrected areas: 26637192

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

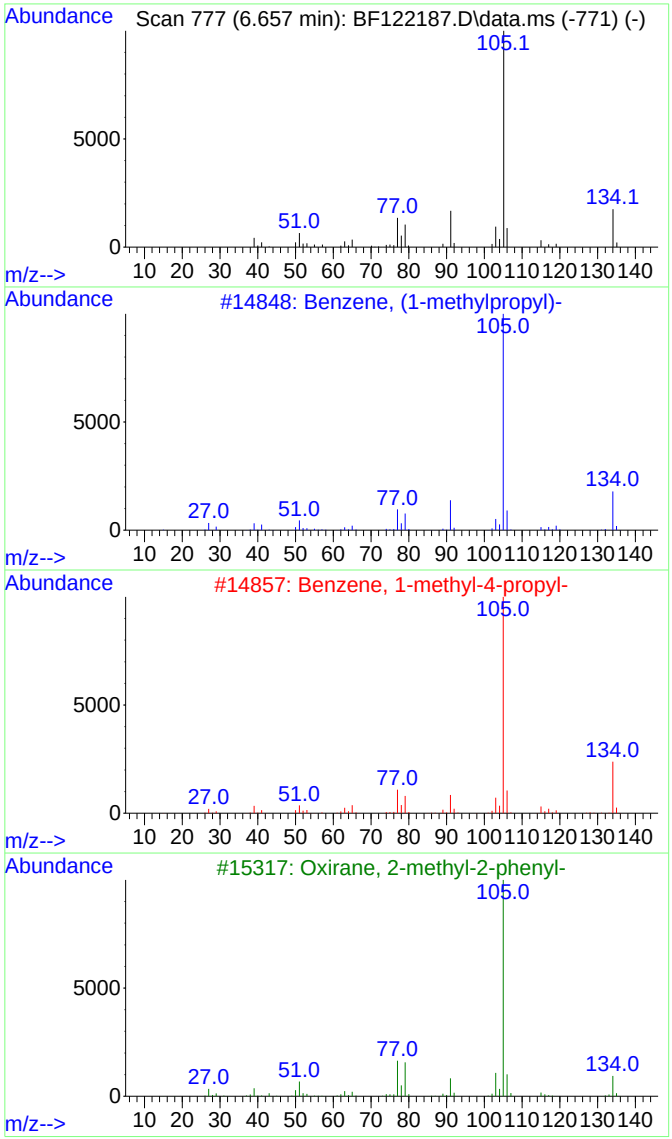
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

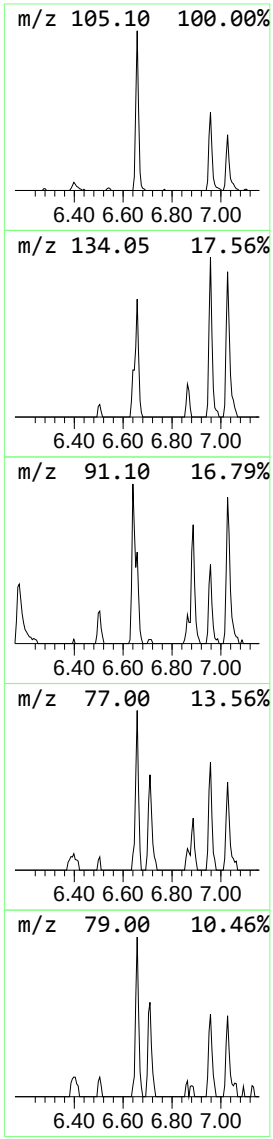
****

Peak Number 1 Benzene, (1-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	4.52 ng	141295	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

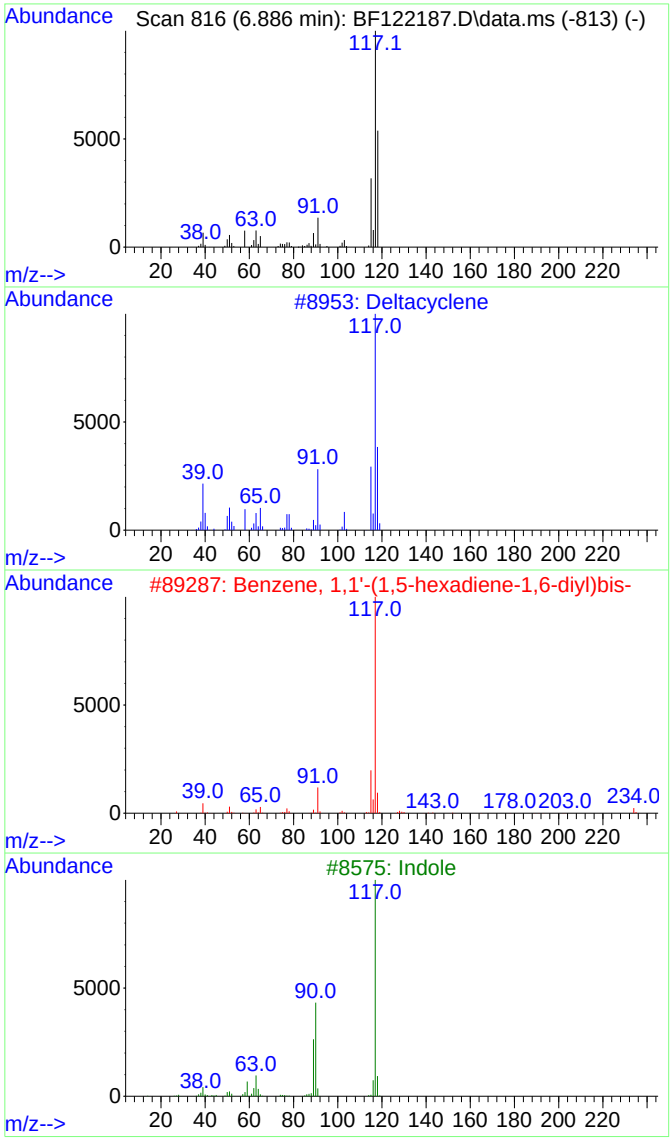
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

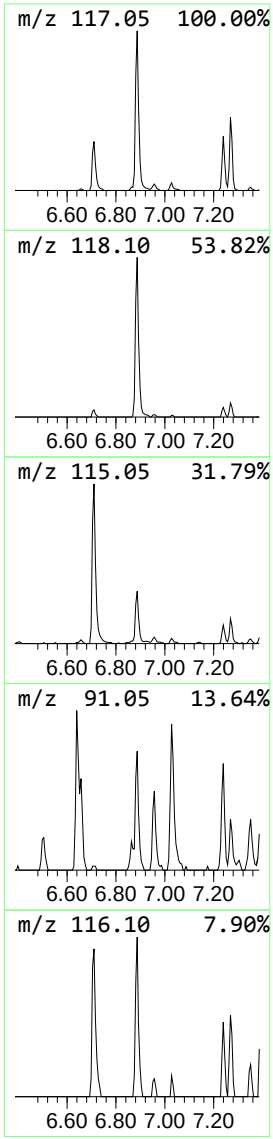
****

Peak Number 2 Deltacyclene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.886	5.46 ng	170638	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	59
2	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
3	Indole	117	C8H7N	000120-72-9	46
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

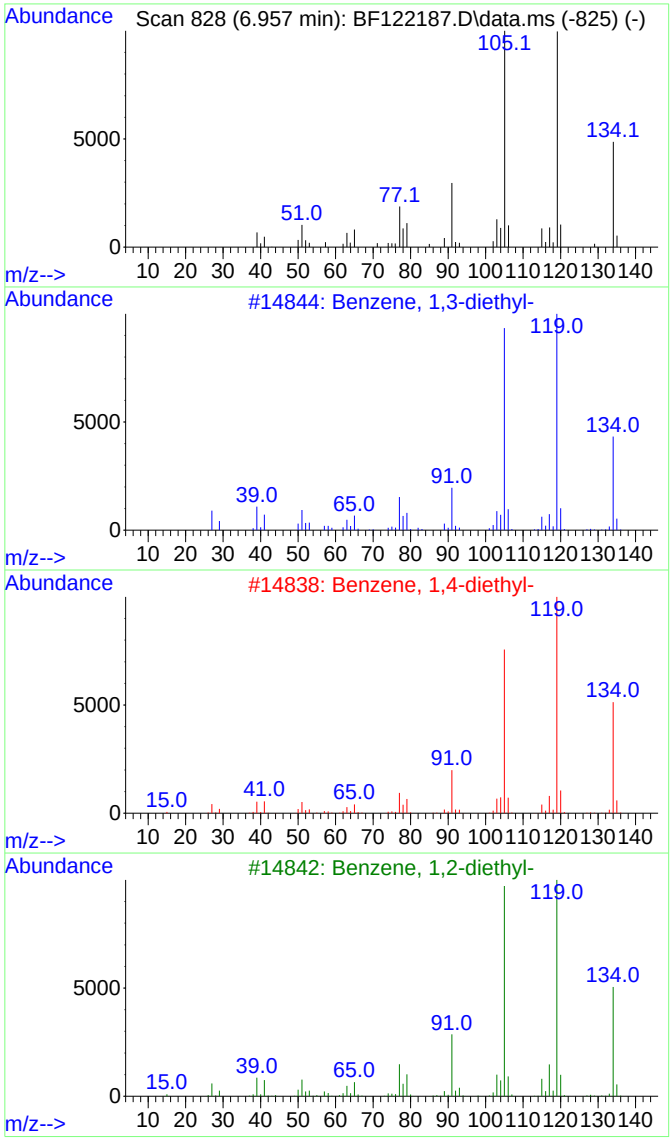
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

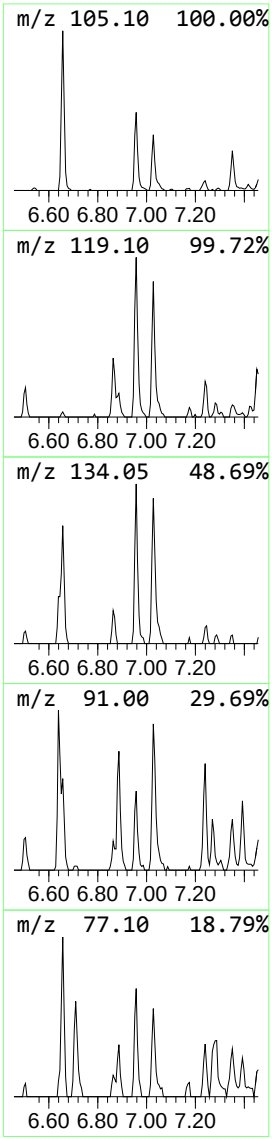
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.957	3.61 ng	112848	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

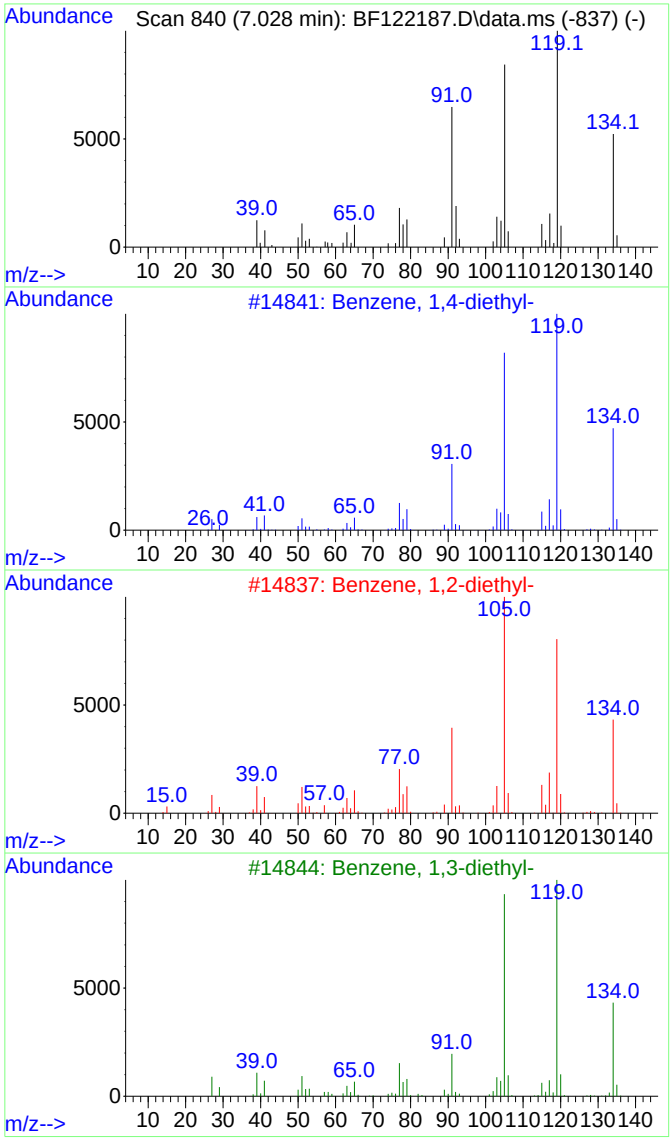
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

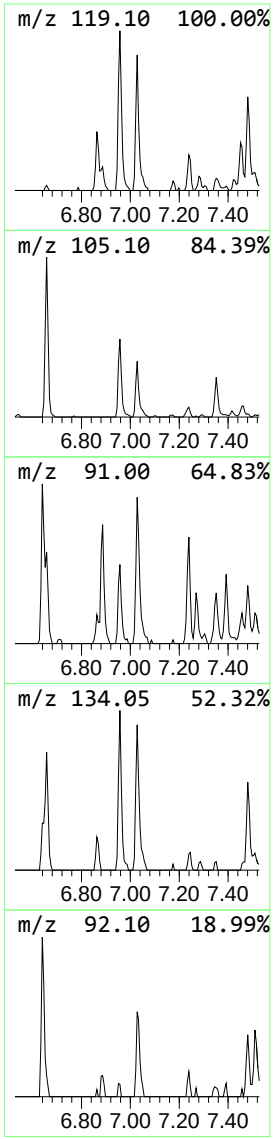
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.028	3.37 ng	105216	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

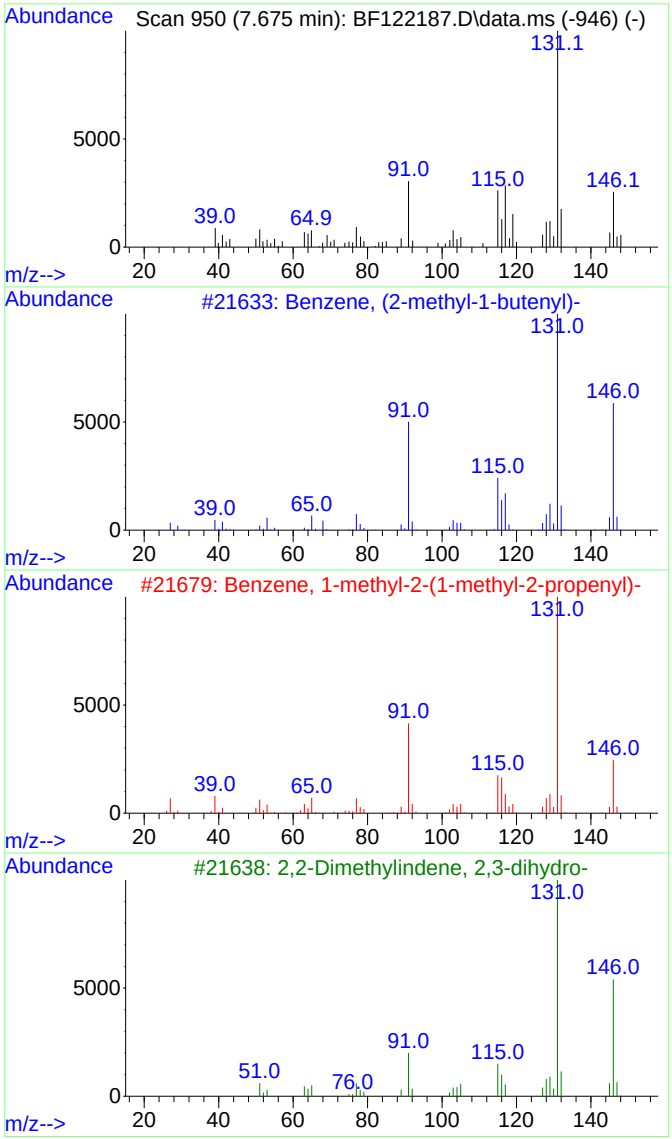
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

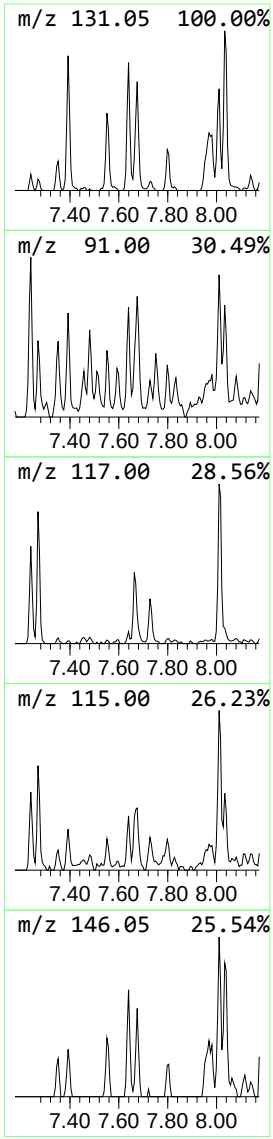
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	2.93 ng	134384	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

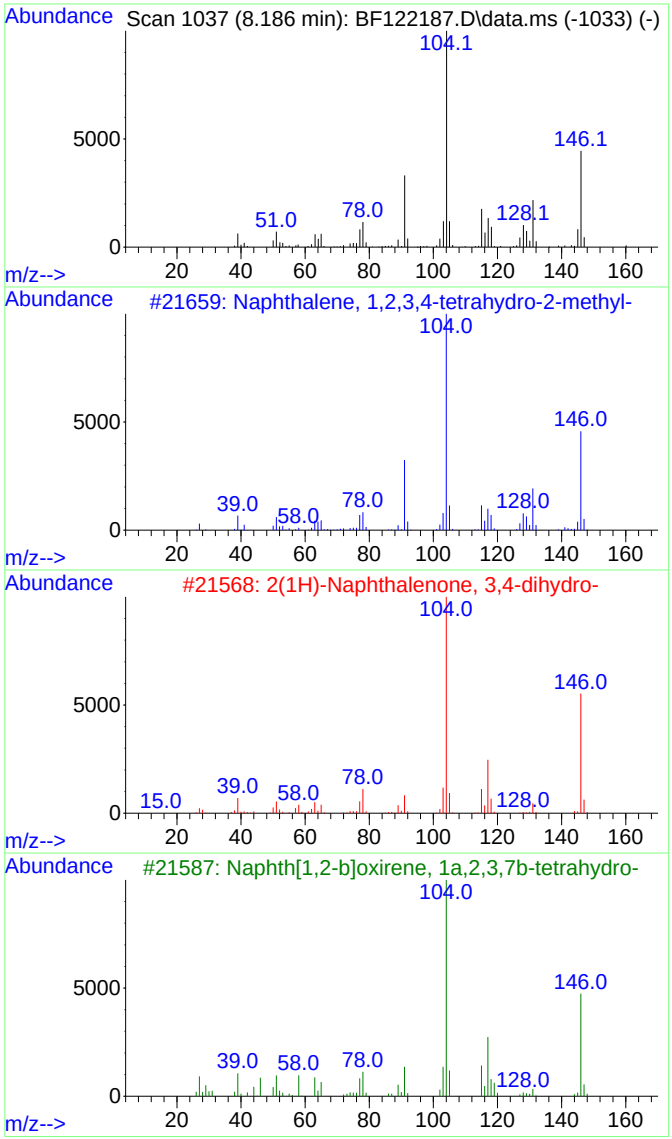
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

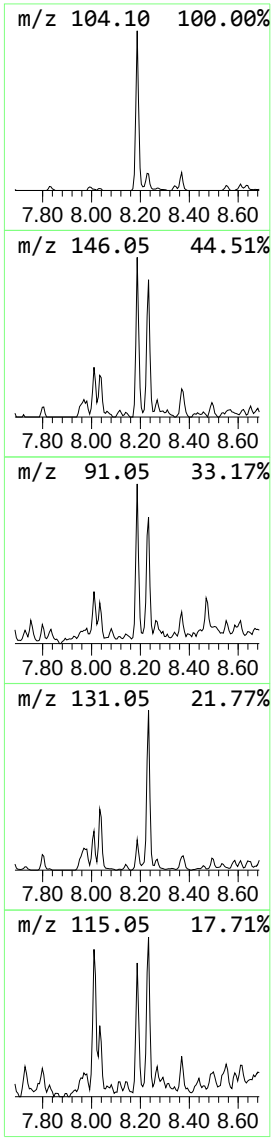
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.186	5.51 ng	252617	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68
4	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43
5	Bromoacetic acid, 2-phenylethyl ...	242	C10H11BrO2	003785-33-9	35





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

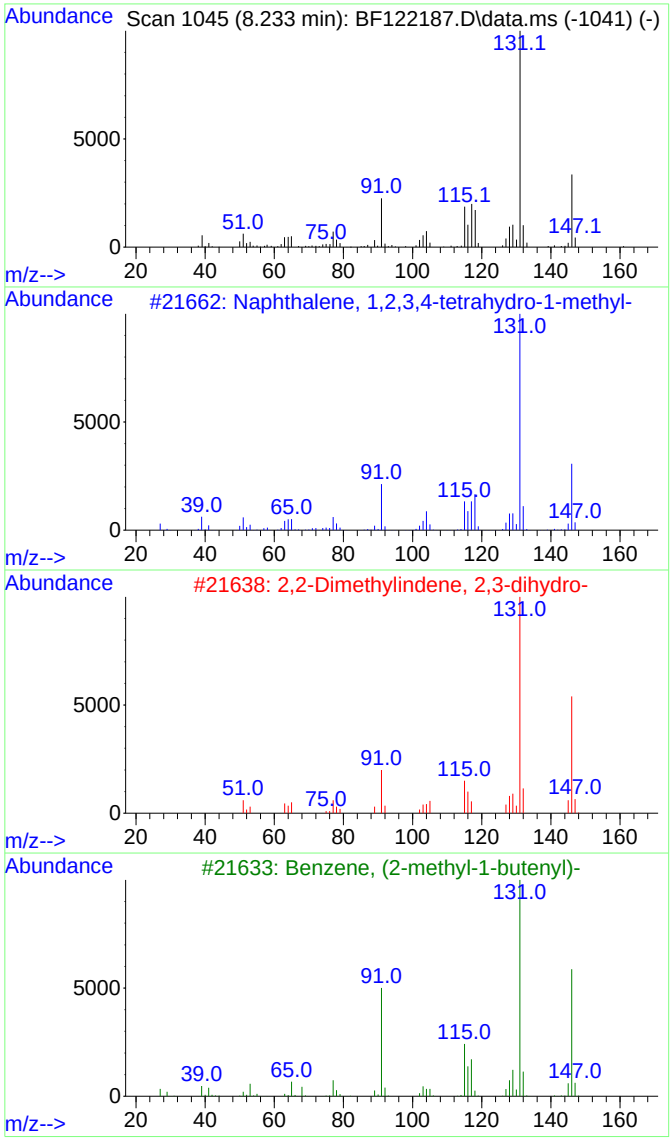
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

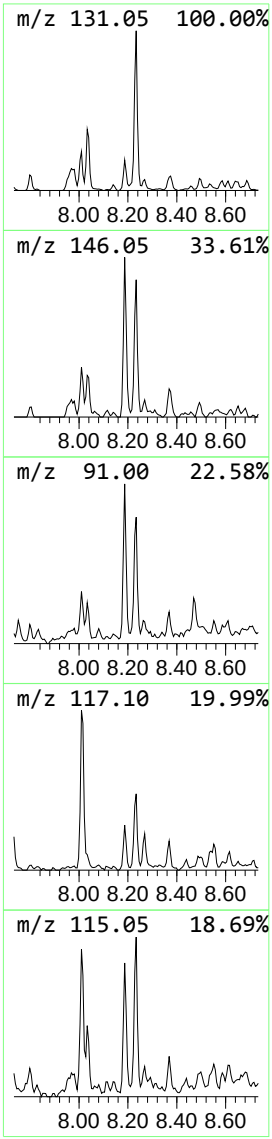
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.233	5.92 ng	271700	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83





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Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

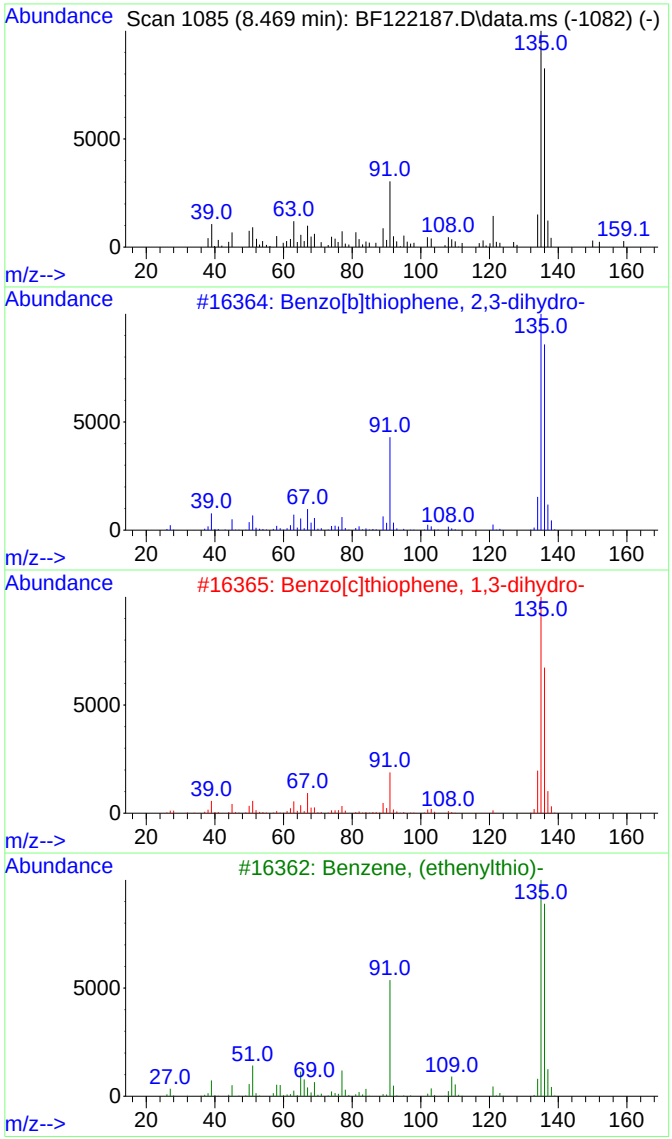
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

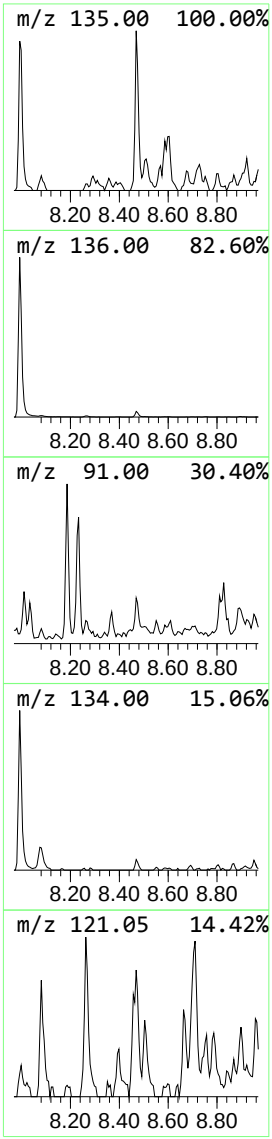
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.469	2.87 ng	131583	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	87
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	72
5	N-Methyl-4-pyridinecarboxamide	136	C7H8N2O	006843-37-4	72





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

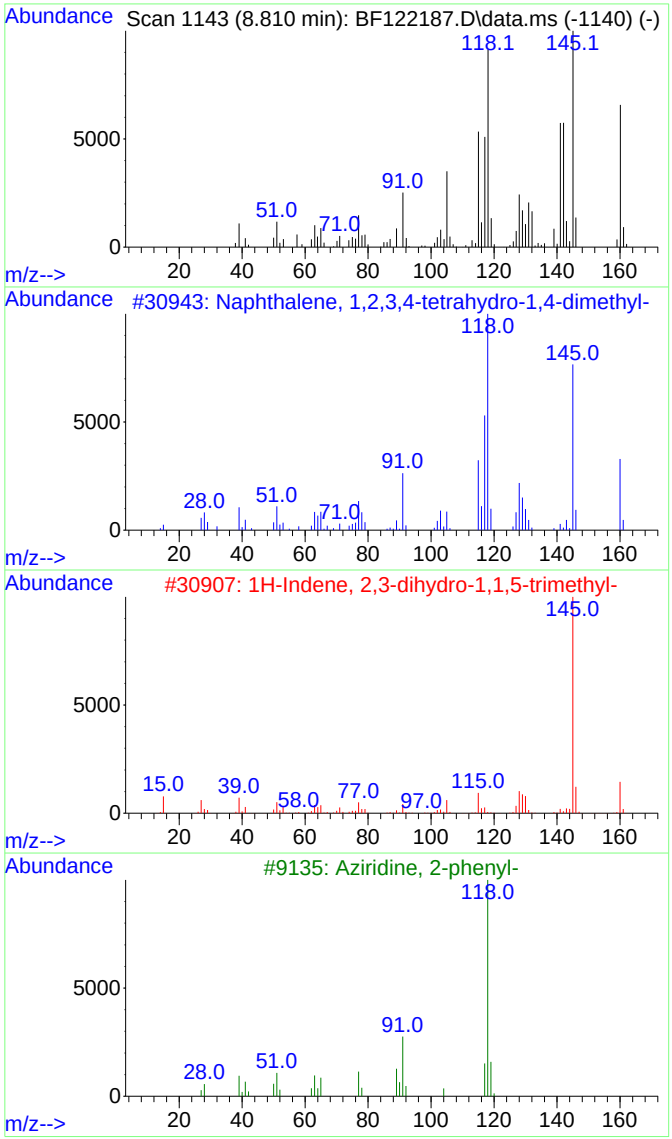
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

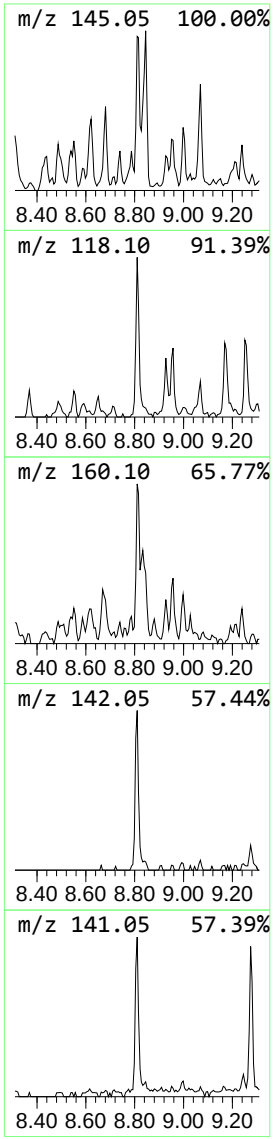
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.810	4.17 ng	191258	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
3	Aziridine, 2-phenyl-	119	C8H9N	001499-00-9	56
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

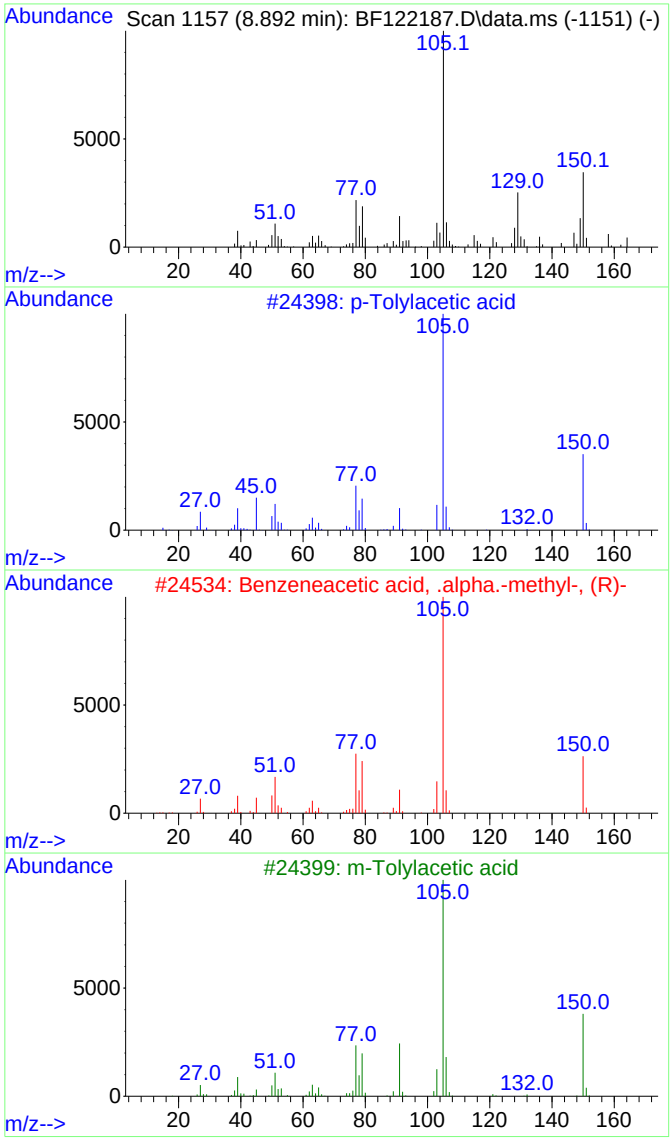
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

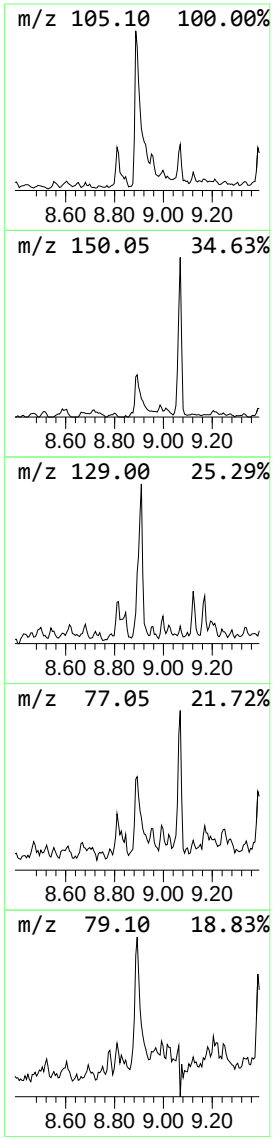
****

Peak Number 10 p-Tolylacetic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.892	4.49 ng	250924	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Tolylacetic acid	150	C9H10O2	000622-47-9	83
2	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	83
3	m-Tolylacetic acid	150	C9H10O2	000621-36-3	78
4	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	78
5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	64





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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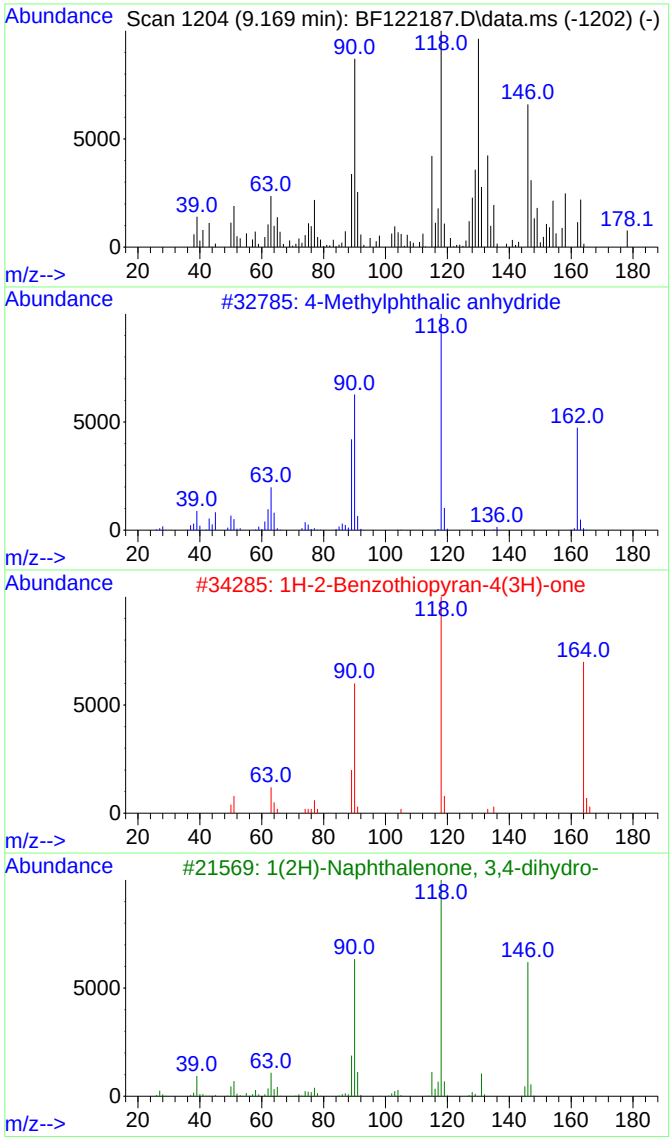
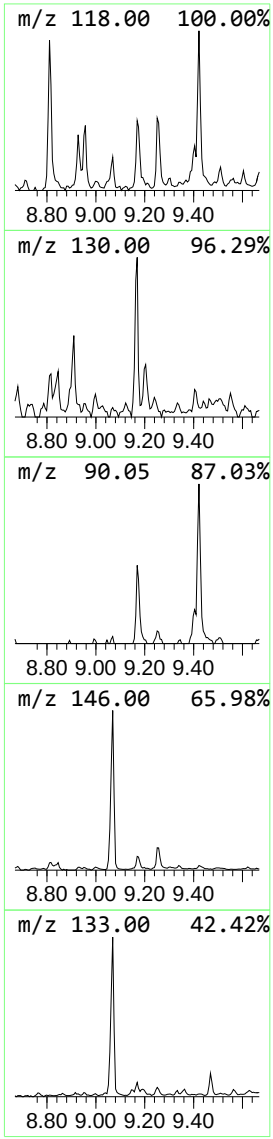
Peak Number 11 4-Methylphthalic anhydride Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	2.65 ng	147755	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	64
2	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	60
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	53
4	Homophthalimide	161	C9H7NO2	004456-77-3	50
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	47





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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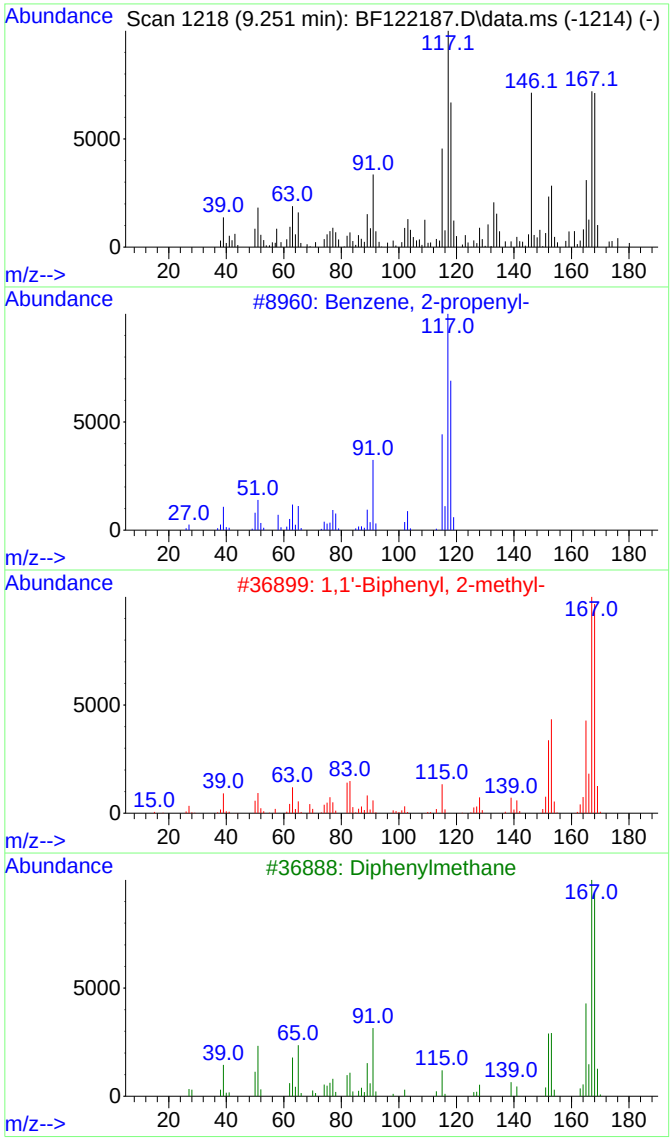
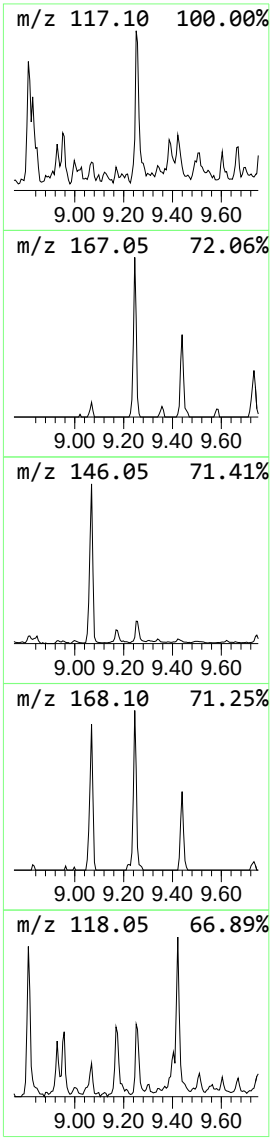
Peak Number 12 Benzene, 2-propenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.251	3.53 ng	196858	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
3	Diphenylmethane	168	C13H12	000101-81-5	50
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	47
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

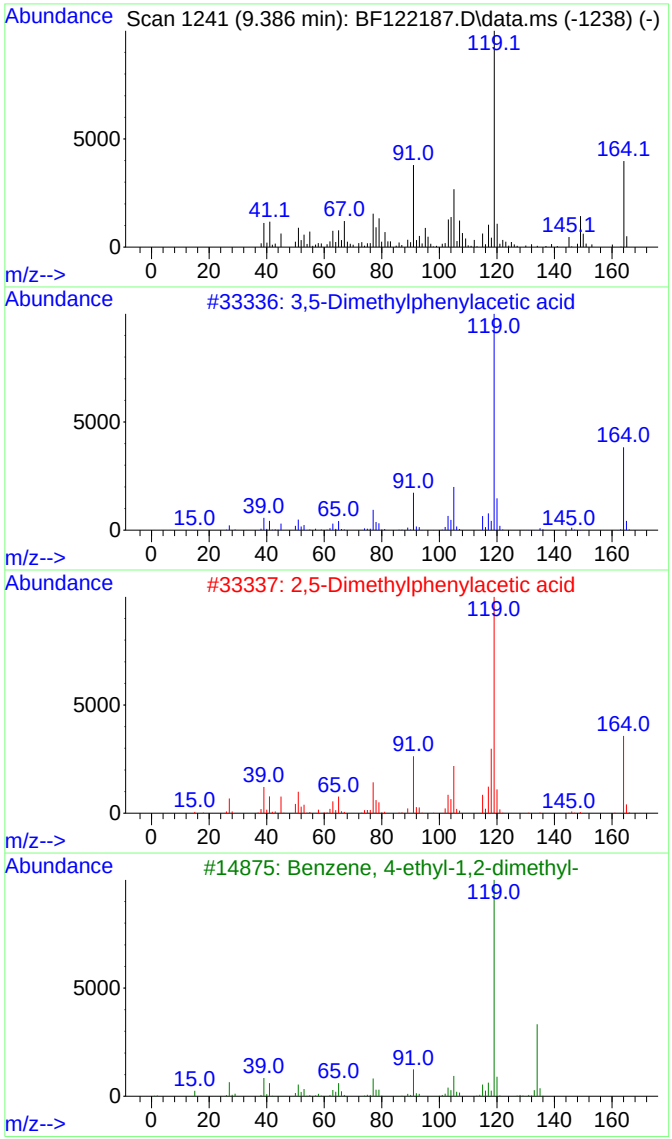
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

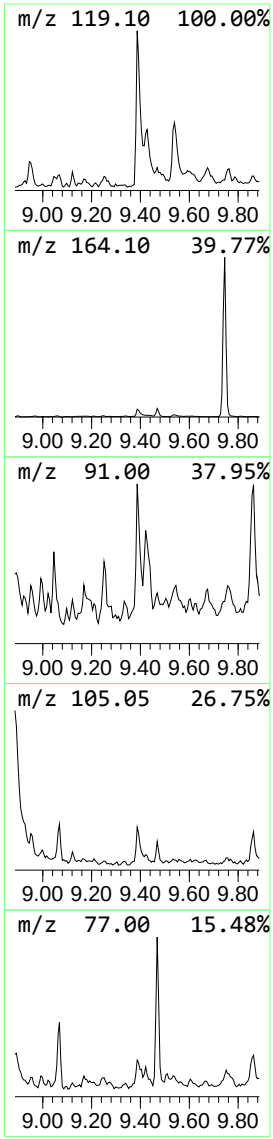
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3,5-Dimethylphenylacetic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	3.47 ng	193907	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	74
2	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	72
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

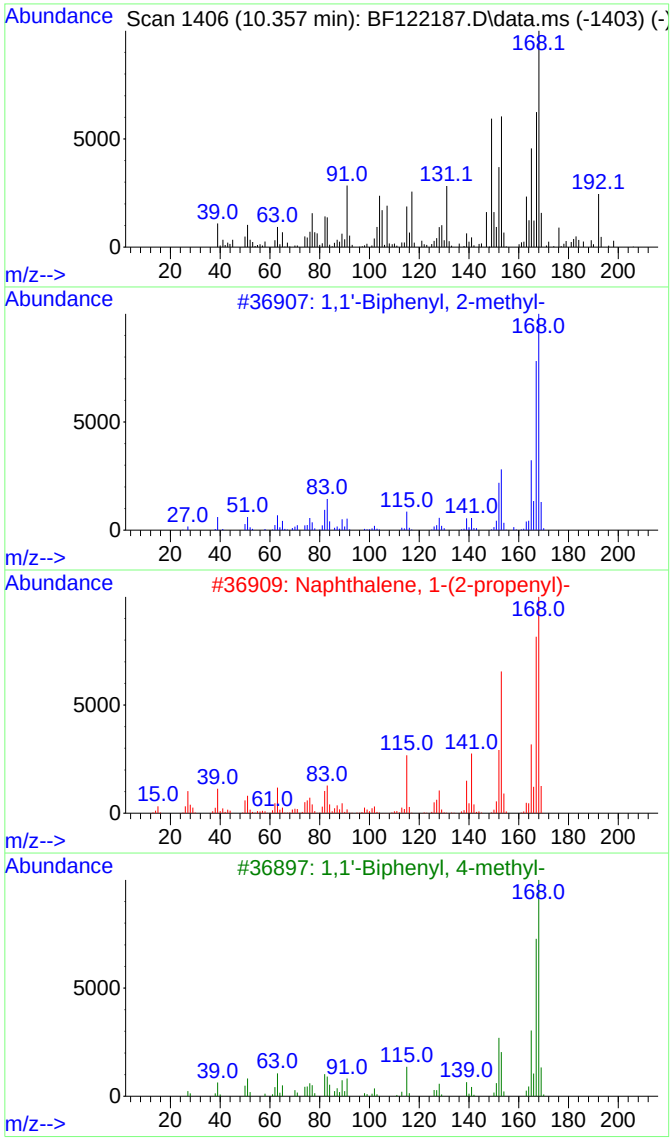
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

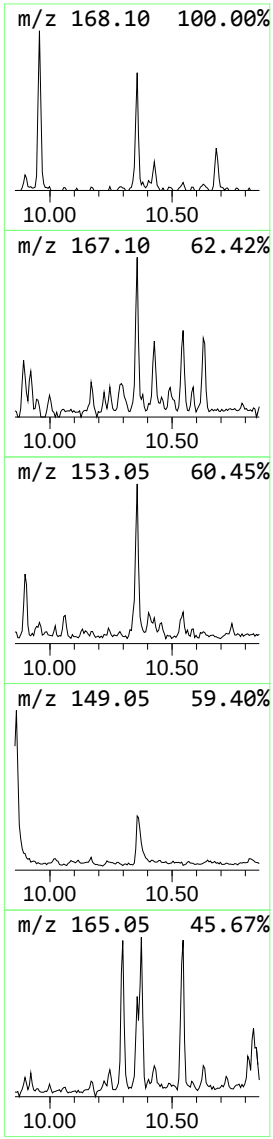
****

Peak Number 14 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	3.50 ng	195520	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43





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Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

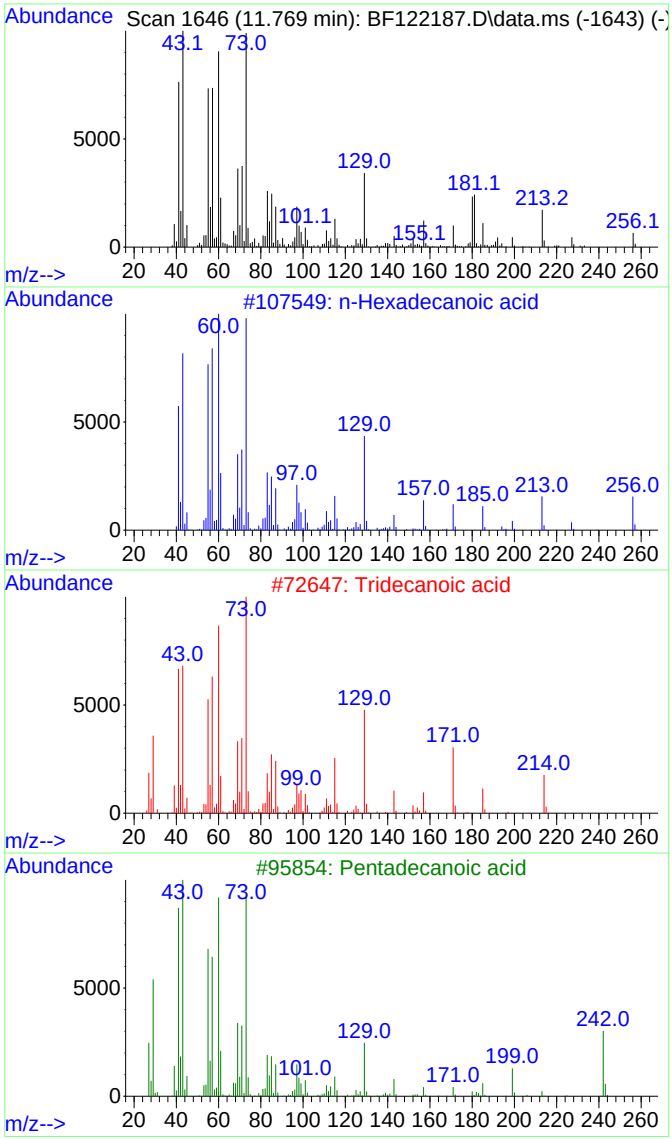
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

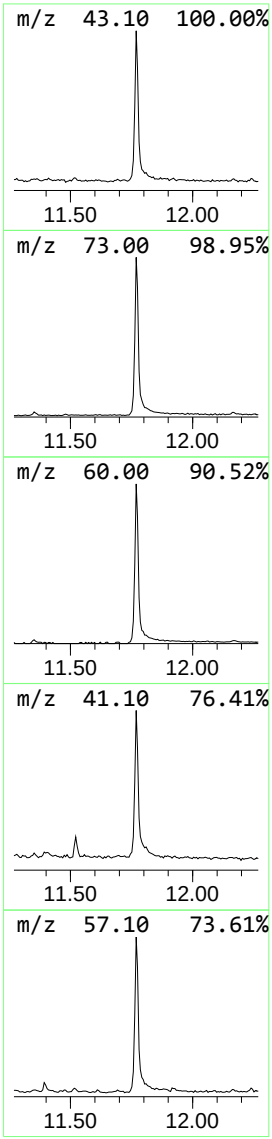
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	14.38 ng	656271	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

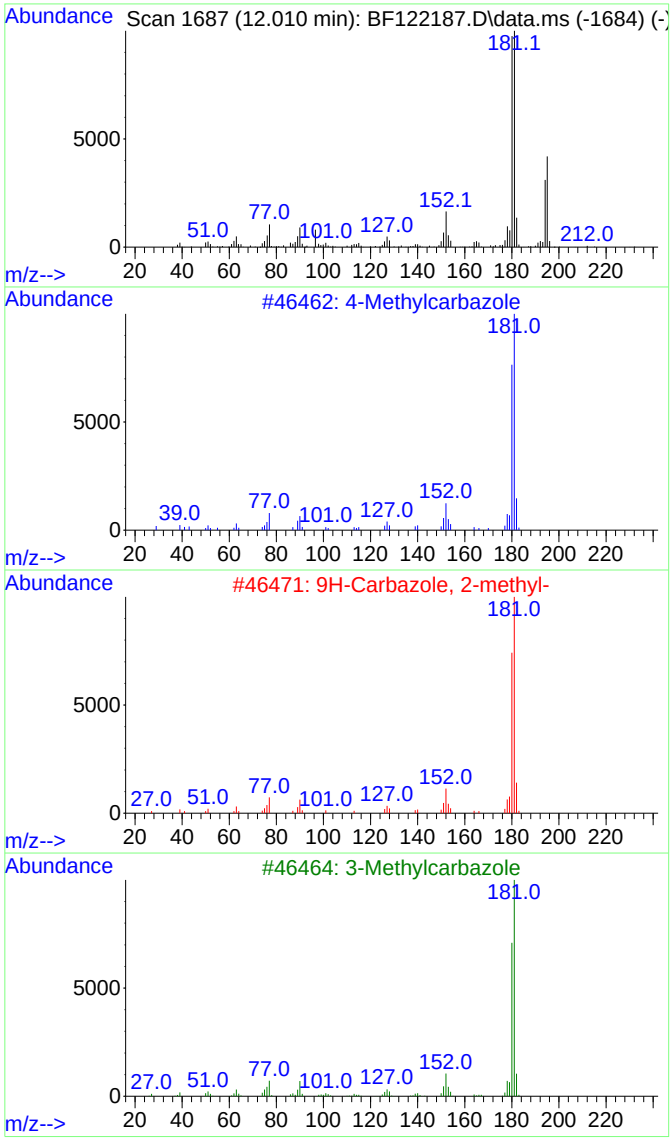
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

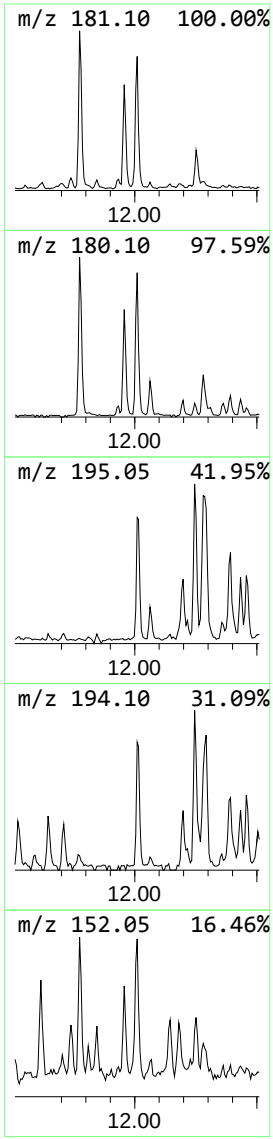
****

Peak Number 16 4-Methylcarbazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	3.33 ng	152049	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	98
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
5	1-Methylcarbazole	181	C13H11N	006510-65-2	90





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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

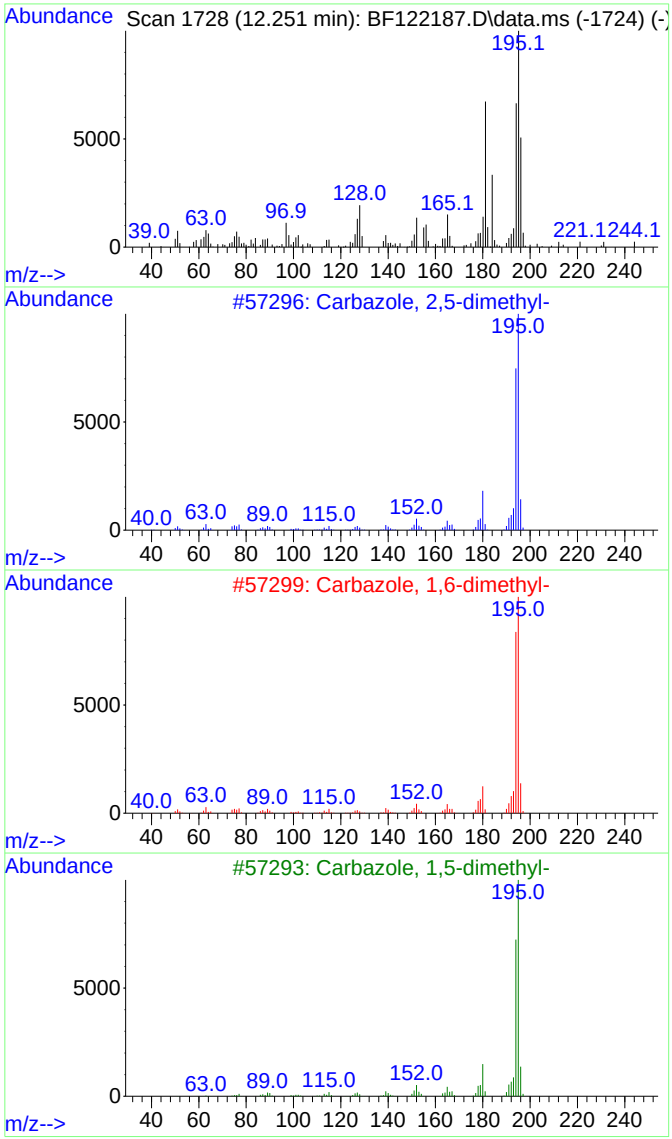
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

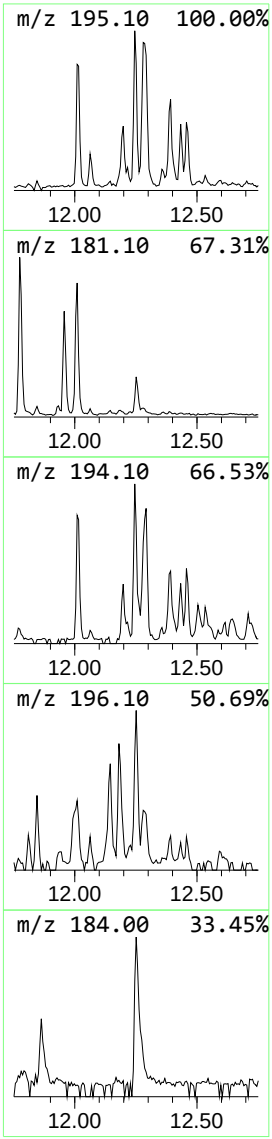
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Carbazole, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	2.37 ng	108380	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 2,5-dimethyl-	195	C14H13N	078787-79-8	64
2	Carbazole, 1,6-dimethyl-	195	C14H13N	078787-77-6	64
3	Carbazole, 1,5-dimethyl-	195	C14H13N	051640-60-9	64
4	Carbazole, 2,7-dimethyl-	195	C14H13N	018992-65-9	64
5	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	50





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Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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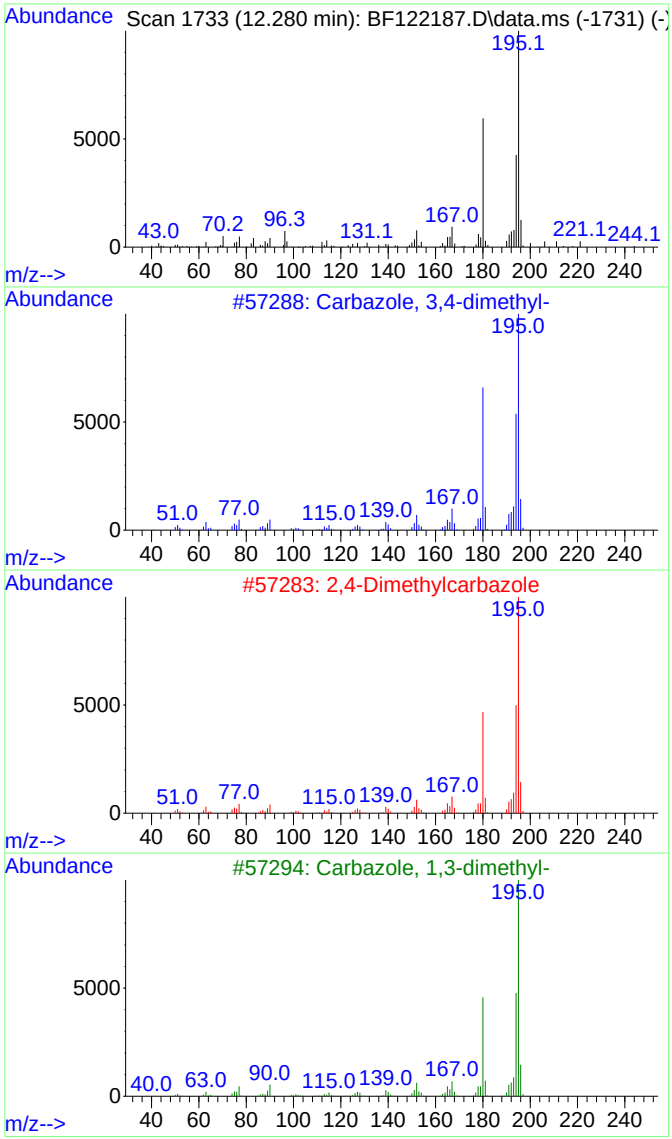
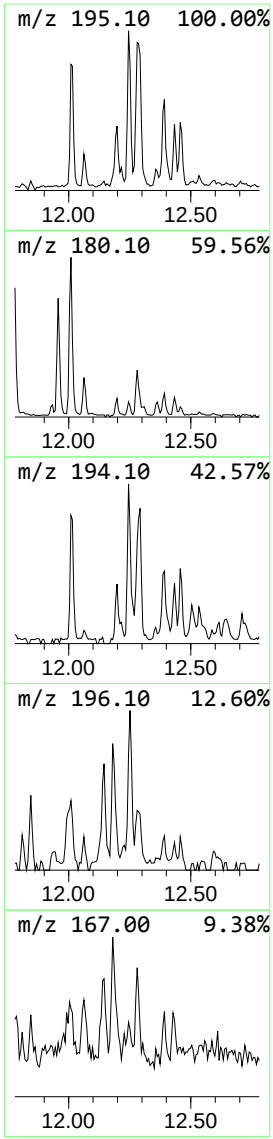
Peak Number 18 Carbazole, 3,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	2.65 ng	120805	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 3,4-dimethyl-	195	C14H13N	018992-72-8	95
2	2,4-Dimethylcarbazole	195	C14H13N	1000326-01-2	94
3	Carbazole, 1,3-dimethyl-	195	C14H13N	018992-68-2	93
4	Carbazole, 1,4-dimethyl-	195	C14H13N	018028-55-2	91
5	1,8-Dimethylcarbazole	195	C14H13N	1000328-39-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
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Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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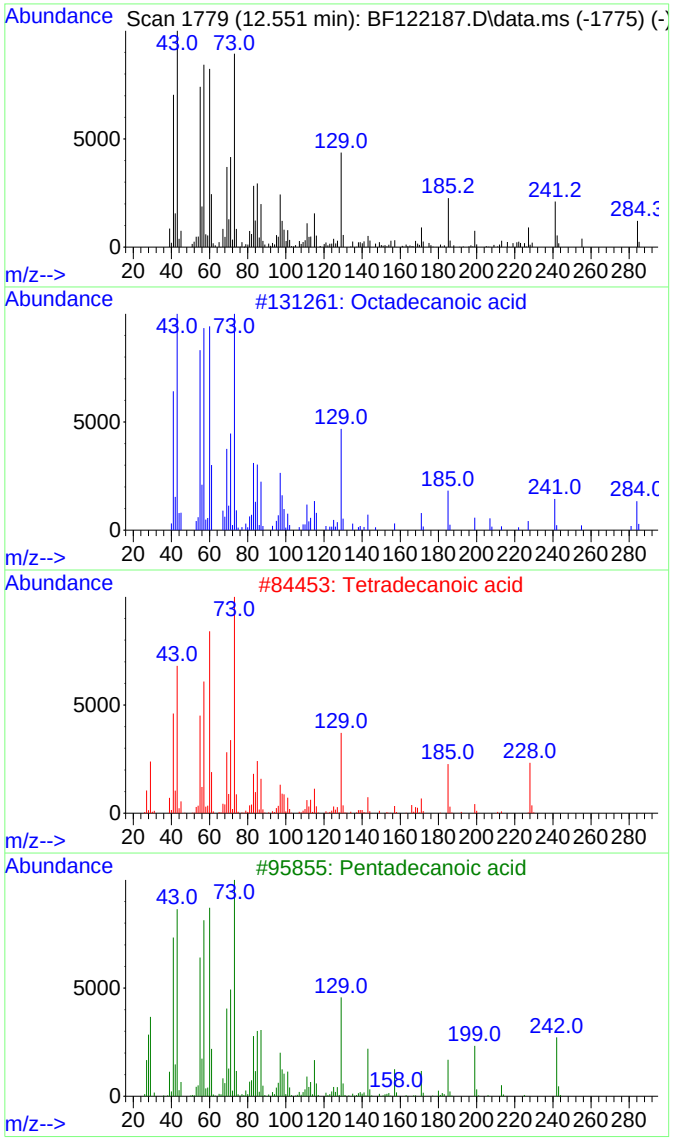
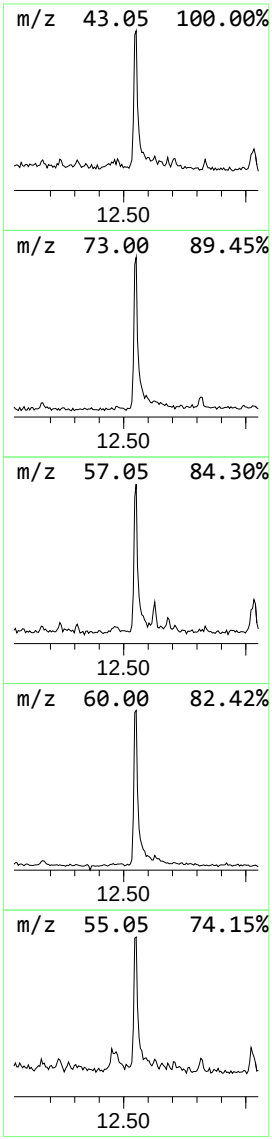
Peak Number 19 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	4.97 ng	226674	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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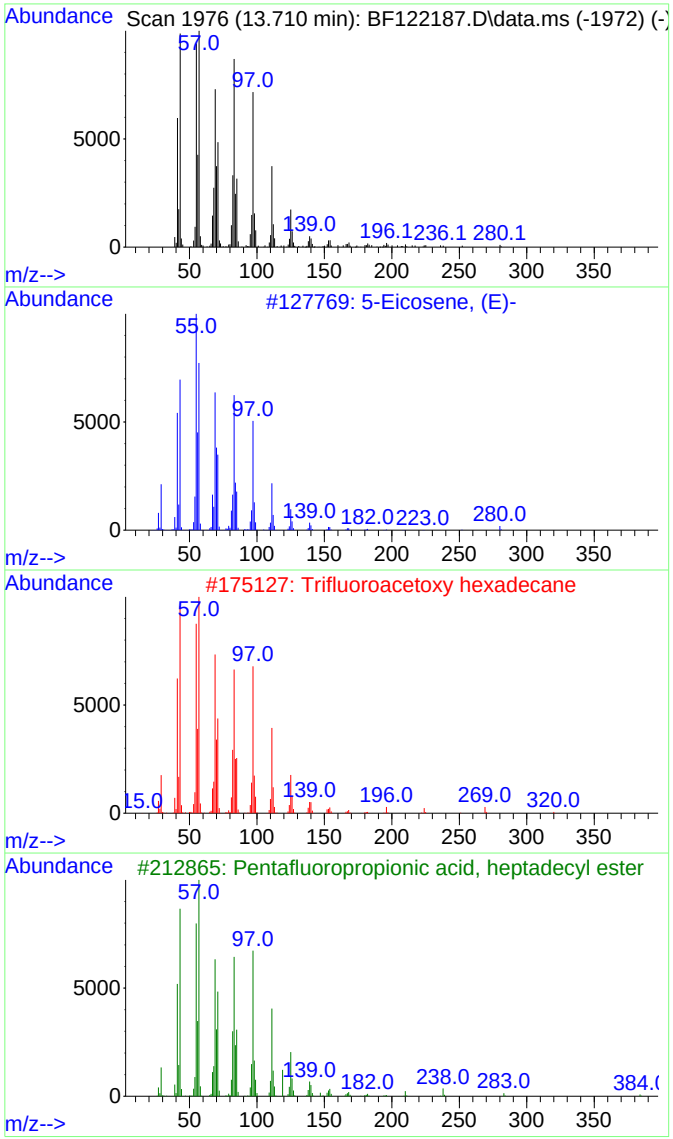
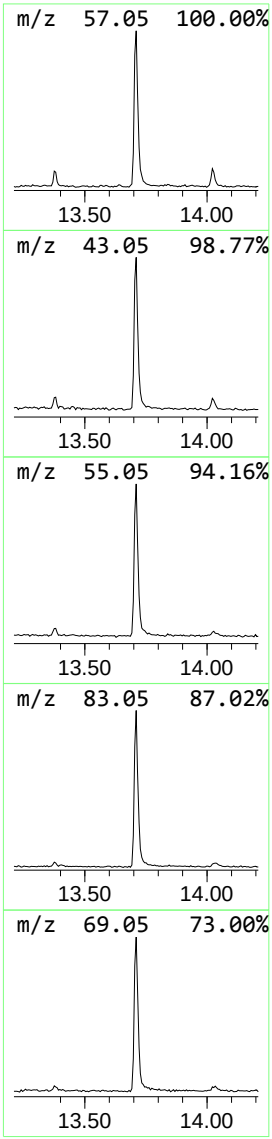
Peak Number 20 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	16.03 ng	568676	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122187.D
Acq On : 30 Oct 2020 18:44
Operator : JU/CG
Sample : L4554-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-met...	6.657	4.5	ng	141295	1	6.710	624831	20.0
Deltacyclene	6.886	5.5	ng	170638	1	6.710	624831	20.0
Benzene, 1,3-di...	6.957	3.6	ng	112848	1	6.710	624831	20.0
Benzene, 1,4-di...	7.028	3.4	ng	105216	1	6.710	624831	20.0
Benzene, (2-met...	7.675	2.9	ng	134384	2	7.992	917329	20.0
Naphthalene, 1,...	8.186	5.5	ng	252617	2	7.992	917329	20.0
Naphthalene, 1,...	8.233	5.9	ng	271700	2	7.992	917329	20.0
Benzo[b]thiophe...	8.469	2.9	ng	131583	2	7.992	917329	20.0
Naphthalene, 1,...	8.810	4.2	ng	191258	2	7.992	917329	20.0
p-Tolylacetic acid	8.892	4.5	ng	250924	3	9.745	1116720	20.0
4-Methylphthali...	9.169	2.6	ng	147755	3	9.745	1116720	20.0
Benzene, 2-prop...	9.251	3.5	ng	196858	3	9.745	1116720	20.0
3,5-Dimethylphe...	9.386	3.5	ng	193907	3	9.745	1116720	20.0
1,1'-Biphenyl, ...	10.357	3.5	ng	195520	3	9.745	1116720	20.0
n-Hexadecanoic ...	11.769	14.4	ng	656271	4	11.233	912817	20.0
4-Methylcarbazole	12.010	3.3	ng	152049	4	11.233	912817	20.0
Carbazole, 2,5-...	12.251	2.4	ng	108380	4	11.233	912817	20.0
Carbazole, 3,4-...	12.280	2.6	ng	120805	4	11.233	912817	20.0
Octadecanoic acid	12.551	5.0	ng	226674	4	11.233	912817	20.0
5-Eicosene, (E)-	13.710	16.0	ng	568676	5	13.880	709459	20.0