LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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: BF122186.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	567	rBV	792601	1254792	34.44%	2.128%
2	5.863	640	642	649	rVB	292774	260302	7.14%	0.441%
3	6.157	690	692	699	rBV	405707	394166	10.82%	0.668%
4	6.375	727	729	741	rBV	457369	863307	23.69%	1.464%
5	6.551	753	759	762	rBV6	21942	37863	1.04%	0.064%
6	6.610	762	769	772	rVV6	67332	121086	3.32%	0.205%
7	6.640	772	774	775	rVV	91880	85826	2.36%	0.146%
8	6.657	775	777	780	rVV	233969	198368	5.44%	0.336%
9	6.710	783	786	794	rVV	679192	765387	21.00%	1.298%
10	6.798	797	801	807	rVB5	25031	41298	1.13%	0.070%
11	6.881	812	815	822	rVV	1278677	1302484	35.74%	2.208%
12	6.951	825	827	831	rVB	324393	307833	8.45%	0.522%
13	7.028	836	840	841	rBV	250233	219258	6.02%	0.372%
14	7.045	841	843	849	rVB3	189950	231585	6.36%	0.393%
15	7.128	853	857	859	rBV	84684	86559	2.38%	0.147%
16	7.198	867	869	871	rBV	47335	51857	1.42%	0.088%
17	7.240	872	876	879	rVV	1175322	1163719	31.94%	1.973%
18	7.281	879	883	889	rVV2	2016729	2879943	79.03%	4.883%
19	7.345	891	894	899	rVV2	142062	231715	6.36%	0.393%
20	7.392	899	902	904	rVV	122918	116714	3.20%	0.198%
21	7.416	904	906	911	rVV	231331	277774	7.62%	0.471%
22	7.481	914	917	921	rVB	593952	556815	15.28%	0.944%
23	7.592	931	936	939	rVB3	120085	168825	4.63%	0.286%
24	7.640	940	944	945	rBV	255132	248529	6.82%	0.421%
25	7.663	945	948	955	rVB	784838	872716	23.95%	1.480%
26	7.728	955	959	962	rBV2	1845832	1818267	49.90%	3.083%
27	7.757	962	964	968	rVB2	183328	174673	4.79%	0.296%
28	7.798	968	971	972	rBV2	116847	106578	2.92%	0.181%
29	7.857	978	981	984	rVB	155193	171233	4.70%	0.290%
30	7.992	995	1004	1009	rBV3	1124129	2097194	57.55%	3.556%
31	8.034	1009	1011	1015	rVB	515064	474855	13.03%	0.805%
32	8.075	1015	1018	1022	rVB3	220912	290803	7.98%	0.493%
33	8.116	1022	1025	1027	rBV	119284	146917	4.03%	0.249%
34	8.145	1028	1030	1032	rBV2	78903	75812	2.08%	0.129%
35	8.187	1032	1037	1040	rVB2	763197	842629	23.12%	1.429%
36	8.234	1040	1045	1047	rBV	524563	620710	17.03%	1.052%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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	8.263	1047	1050	1053	rVV2	422788	524821	14.40%	0.890%
38	8.298	1054	1056	1059	rVB	204856	217043	5.96%	0.368%
39	8.375	1065	1069	1073	rVB	570124	548004	15.04%	0.929%
40	8.422	1074	1077	1079	rBV2	172354	221788	6.09%	0.376%
41	8.463	1079	1084	1087	rBV3	610762	1107544	30.39%	1.878%
42	8.492	1087	1089	1092	rVB	599565	561735	15.42%	0.952%
43	8.557	1097	1100	1102	rBV2	113730	149480	4.10%	0.253%
44	8.581	1102	1104	1106	rVB2	241731	189039	5.19%	0.321%
45	8.616	1106	1110	1112	rBV3	288711	351965	9.66%	0.597%
46	8.651	1112	1116	1122	rVB3	853428	986575	27.07%	1.673%
47	8.710	1122	1126	1130	rBV	1449700	1465609	40.22%	2.485%
48	8.757	1130	1134	1136	rBV3	267344	345087	9.47%	0.585%
49	8.810	1137	1143	1146	rBV	3142163	3643890	100.00%	6.178%
50	9.028	1177	1180	1182	rBV2	388643	379676	10.42%	0.644%
51	9.069	1182	1187	1190	rVV	2840637	2994881	82.19%	5.078%
52	9.128	1194	1197	1199	rVB2	303673	284014	7.79%	0.482%
53	9.169	1202	1204	1207	rVB3	124584	99918	2.74%	0.169%
54	9.216	1210	1212	1214	rVB	287502	221458	6.08%	0.375%
55	9.263	1214	1220	1227	rBV3	650331	1231771	33.80%	2.089%
56	9.334	1228	1232	1240	rVB	979463	1605146	44.05%	2.722%
57	9.410	1240	1245	1247	rBV	1672089	2337942	64.16%	3.964%
58	9.434	1247	1249	1252	rVV	1339616	1444914	39.65%	2.450%
59	9.475	1253	1256	1258	rVV	493141	609531	16.73%	1.033%
60	9.528	1258	1265	1272	rVV4	849102	1901453	52.18%	3.224%
61	9.610	1276	1279	1281	rVB	476357	427418	11.73%	0.725%
62	9.745	1298	1302	1306	rBV	1064170	1465056	40.21%	2.484%
63	9.845	1315	1319	1324	rBV6	796865	1229489	33.74%	2.085%
64	10.145	1363	1370	1373	rBV	999855	1863032	51.13%	3.159%
65	10.551	1435	1439	1441	rBV	2088644	2102292	57.69%	3.565%
66	10.580	1441	1444	1448	rVB	1098767	1524375	41.83%	2.585%
67	11.004	1514	1516	1523	rVB3	348285	542671	14.89%	0.920%
68	11.239	1553	1556	1559	rBV	955270	860054	23.60%	1.458%
69	11.363	1575	1577	1585	rVB4	270469	429461	11.79%	0.728%
70	11.798	1648	1651	1659	rVB2	805129	1137455	31.22%	1.929%
71	12.569	1780	1782	1789	rVB	372279	393003	10.79%	0.666%
72	12.827	1822	1826	1829	rVB	2546438	2379376	65.30%	4.034%
73	13.716	1974	1977	1987	rVB	389703	451336	12.39%	0.765%
74	13.886	2003	2006	2013	rVB	626296	574707	15.77%	0.974%
75	15.327	2247	2251	2261	rVB	464555	616383	16.92%	1.045%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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

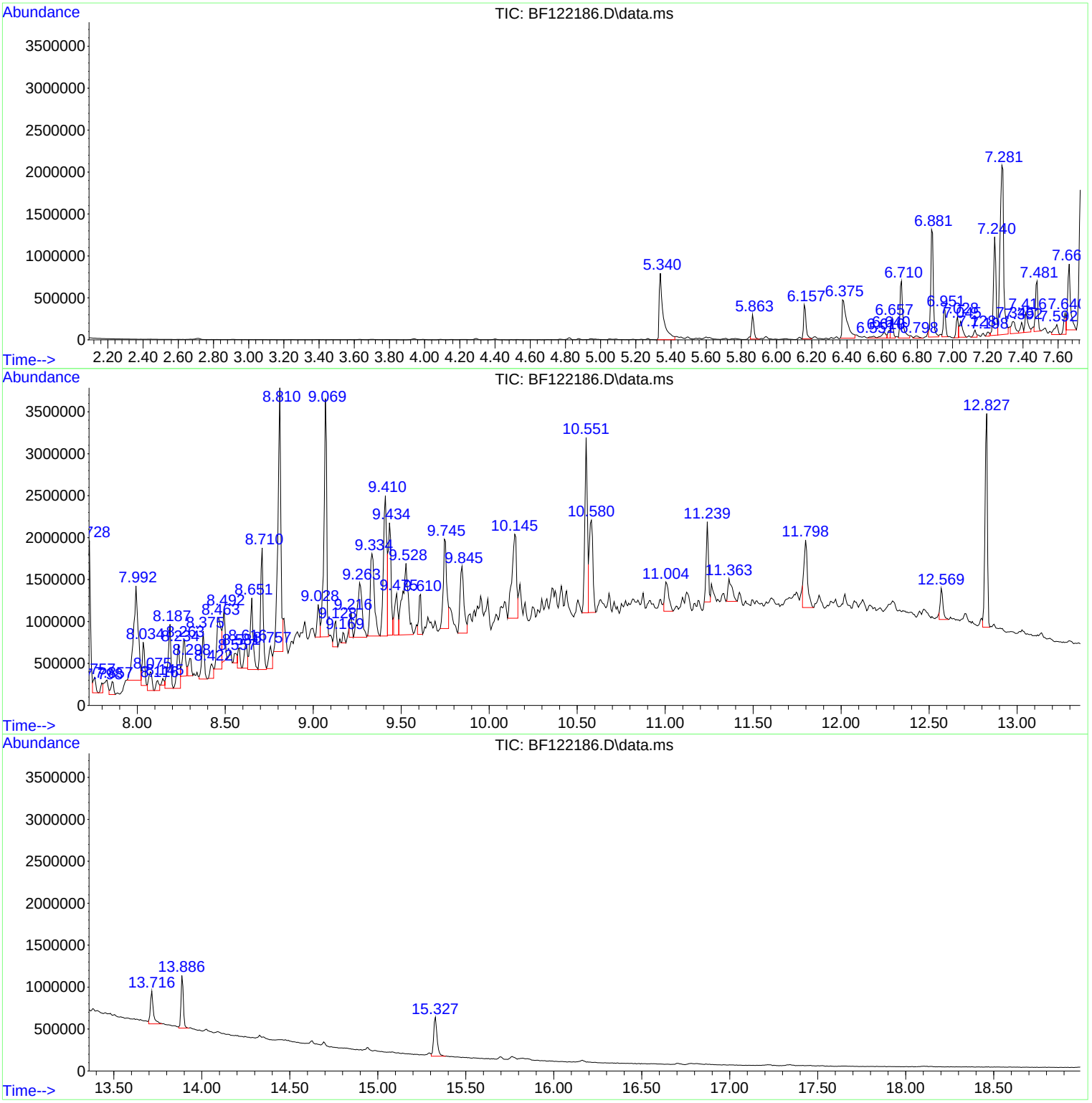
Sum of corrected areas: 58977784

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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 : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

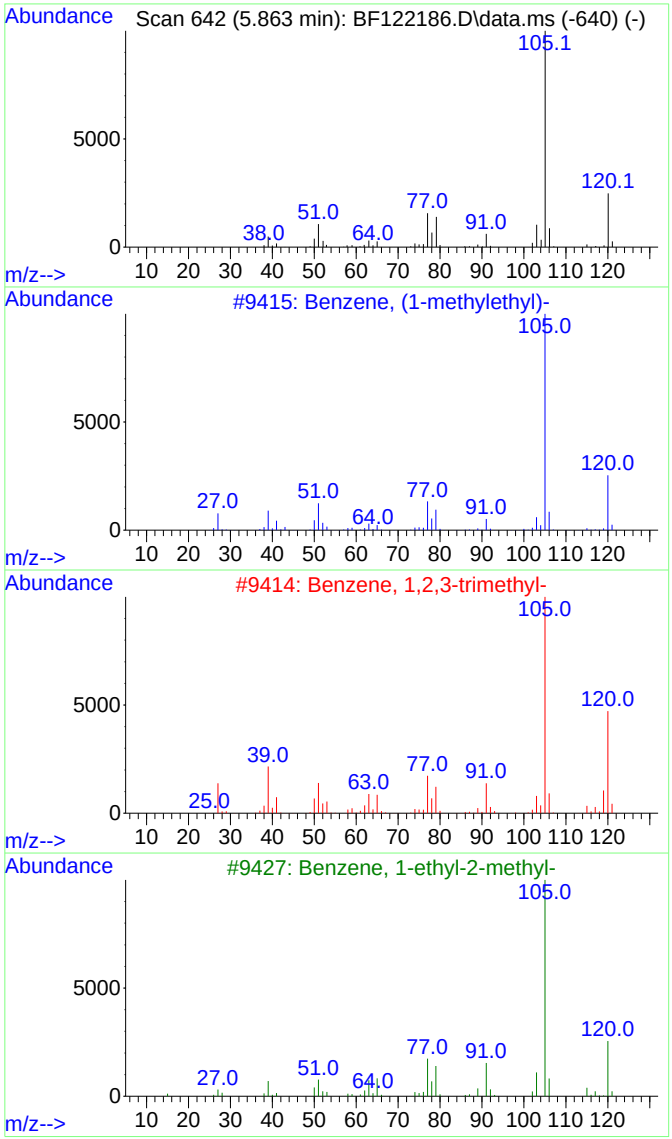
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

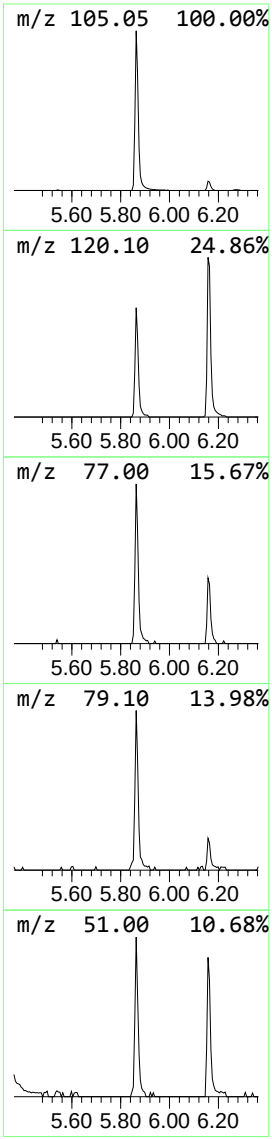
****

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.863	6.80 ng	260302	1,4-Dichlorobenzene-d4	6.710

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	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

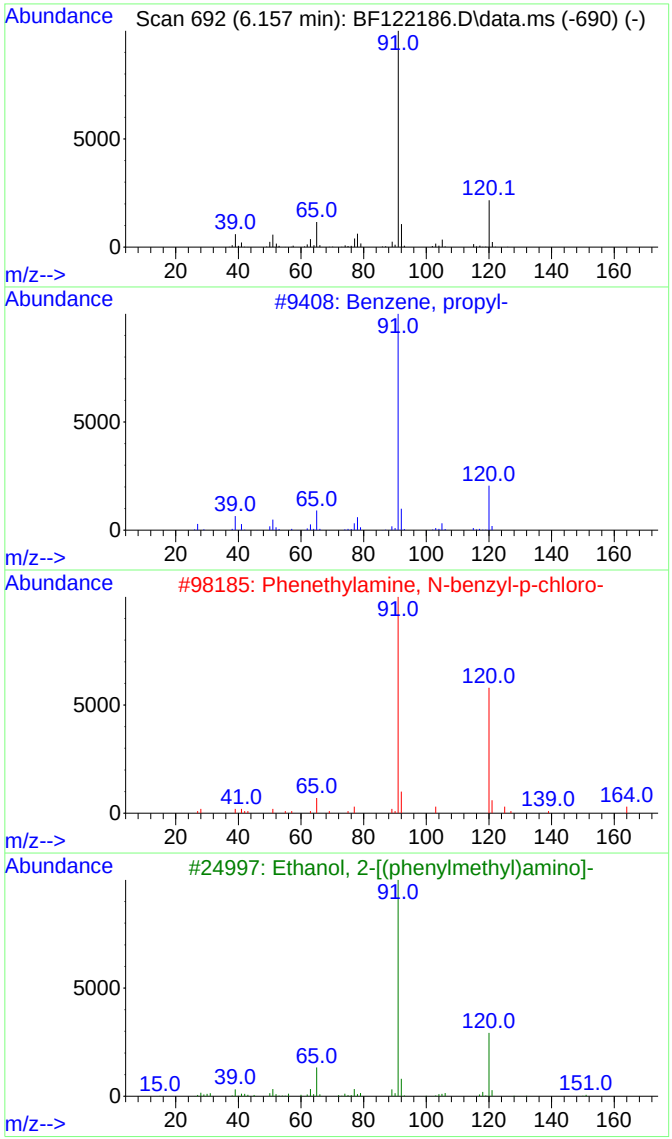
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

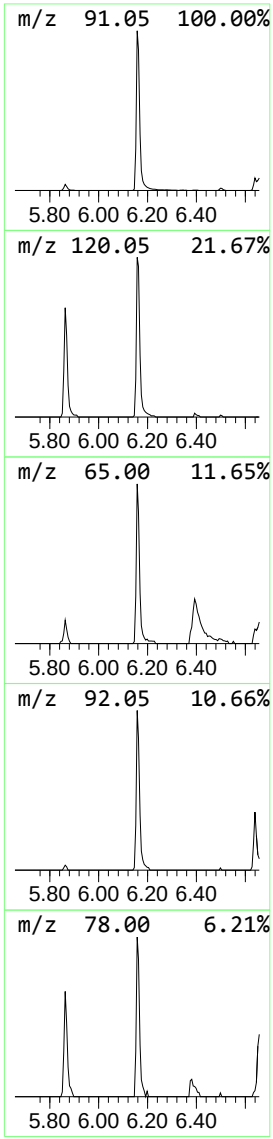
****

Peak Number 2 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	10.30 ng	394166	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

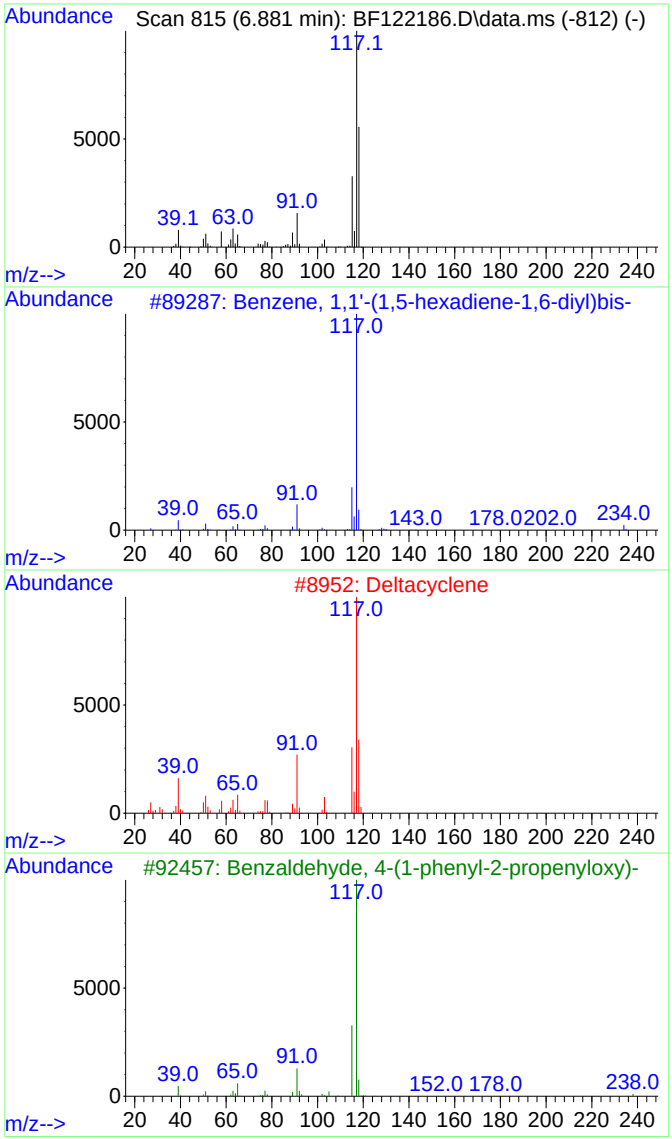
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

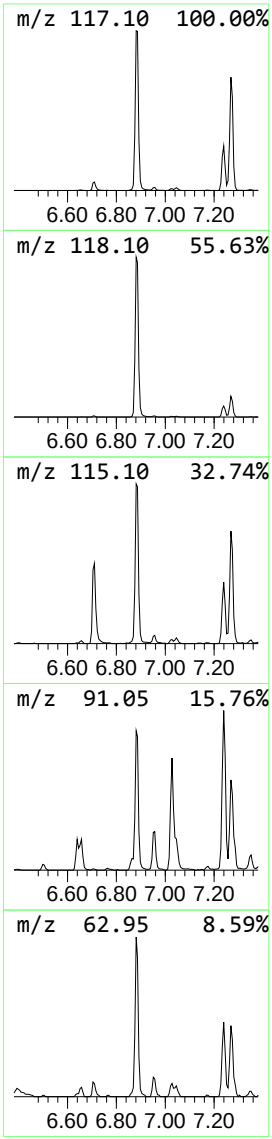
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.881	34.03 ng	1302480	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Deltacyclene	118	C9H10	007785-10-6	53
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
4	Benzene, (isocyanomethyl)-	117	C8H7N	010340-91-7	47
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

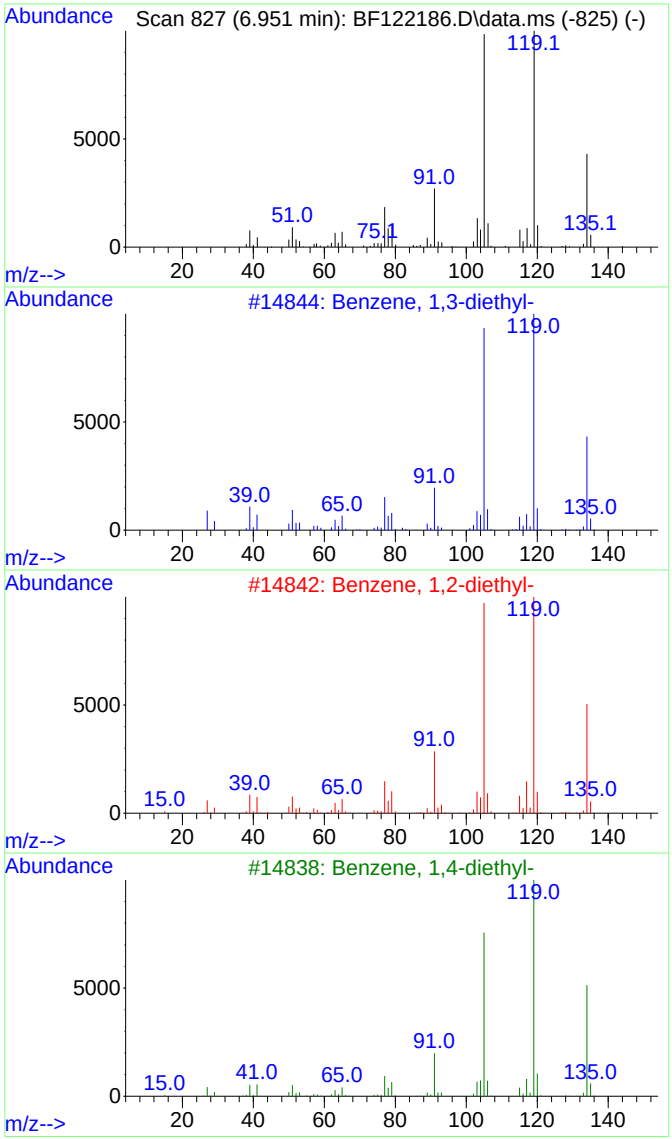
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

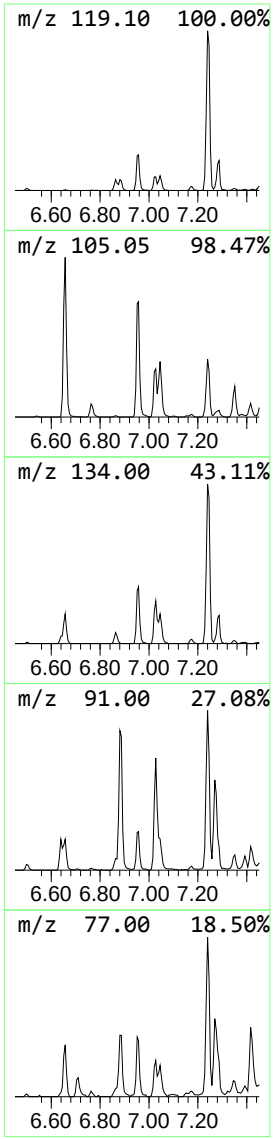
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	8.04 ng	307833	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	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

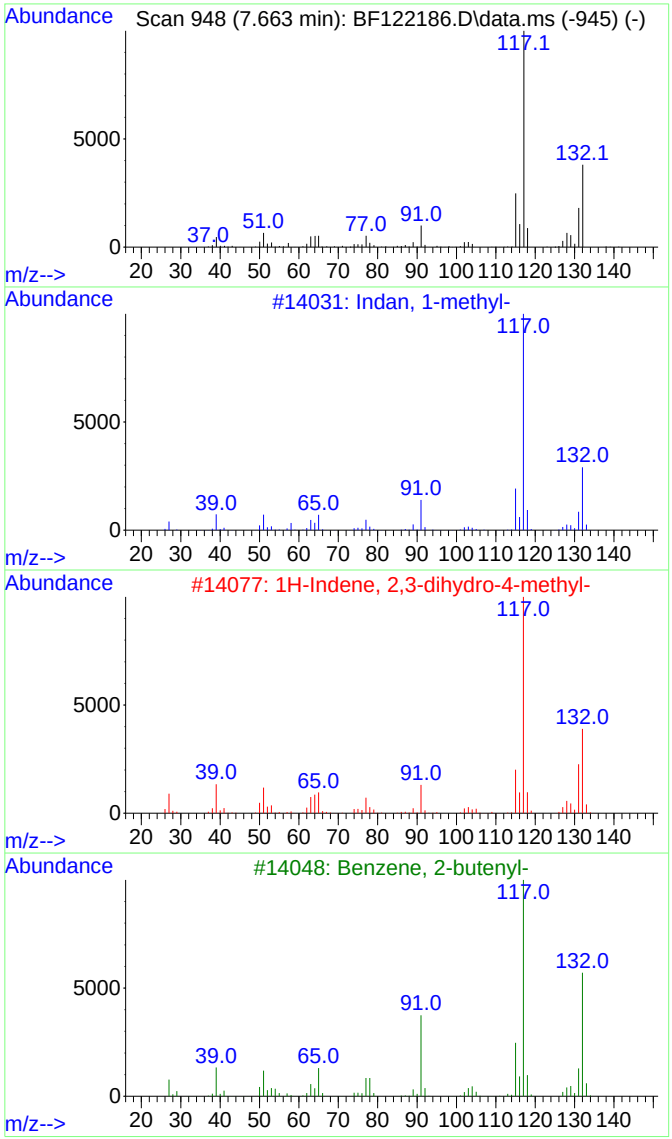
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

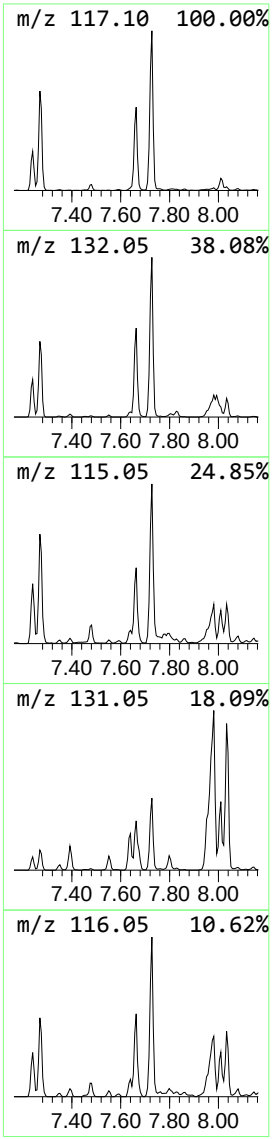
****

Peak Number 5 Indan, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.663	8.32 ng	872716	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

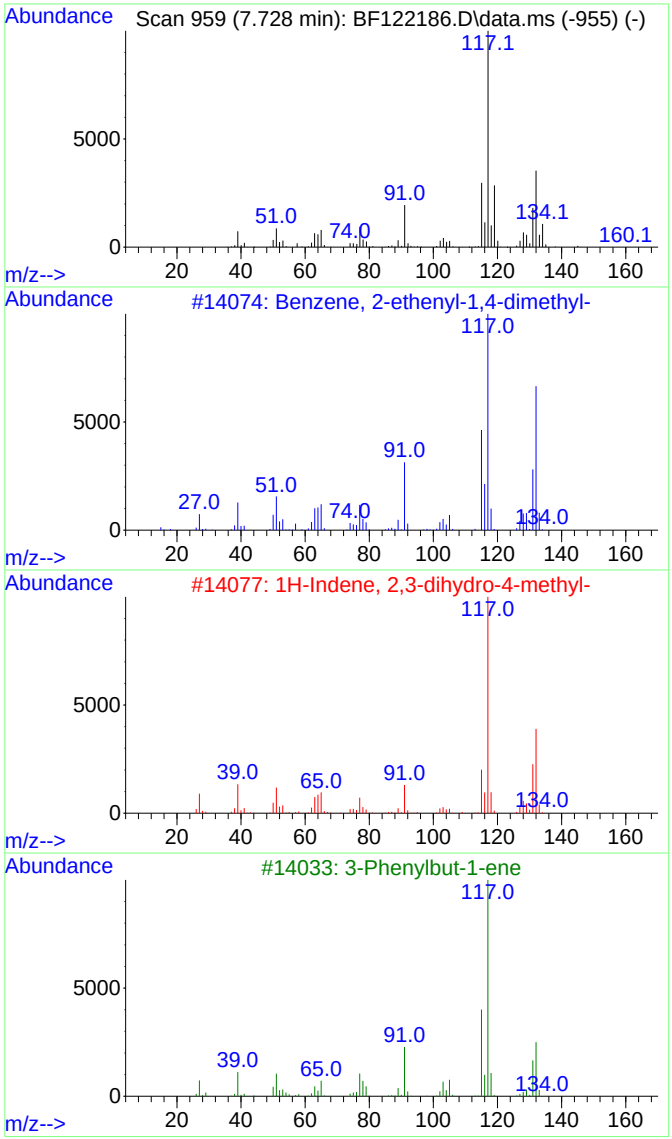
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

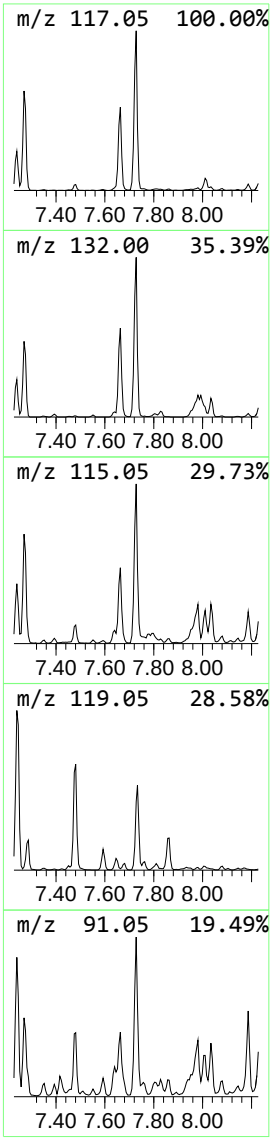
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	17.34 ng	1818270	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

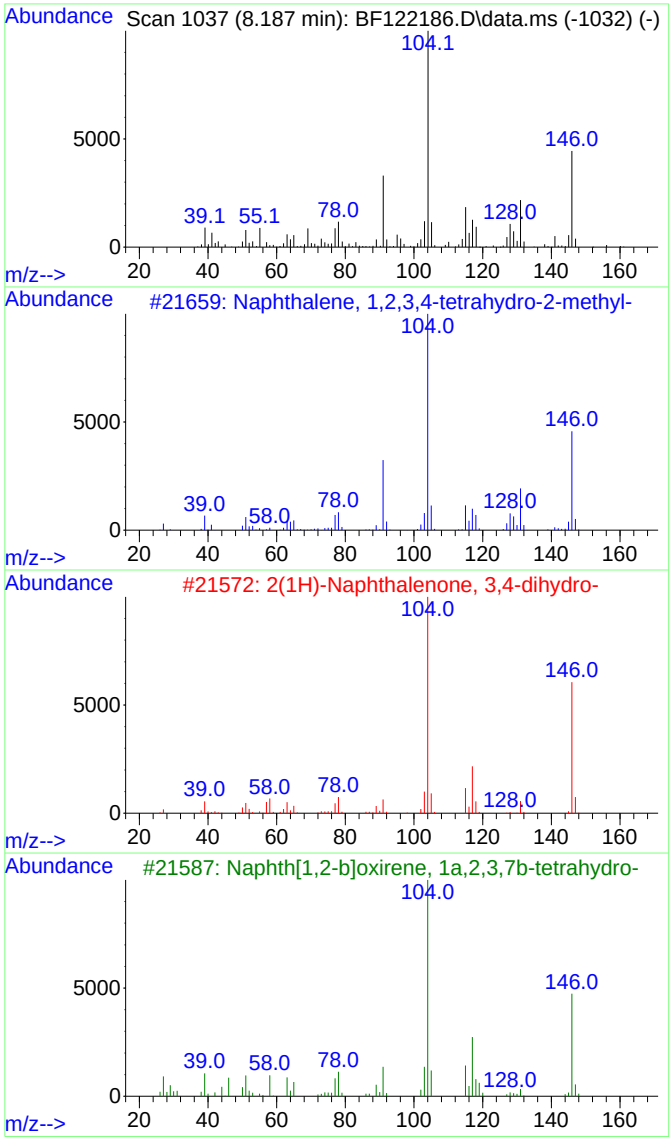
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

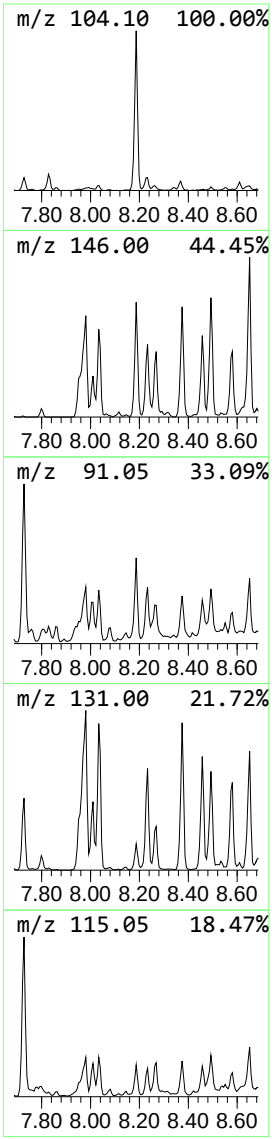
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.187	8.04 ng	842629	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	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	38





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Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

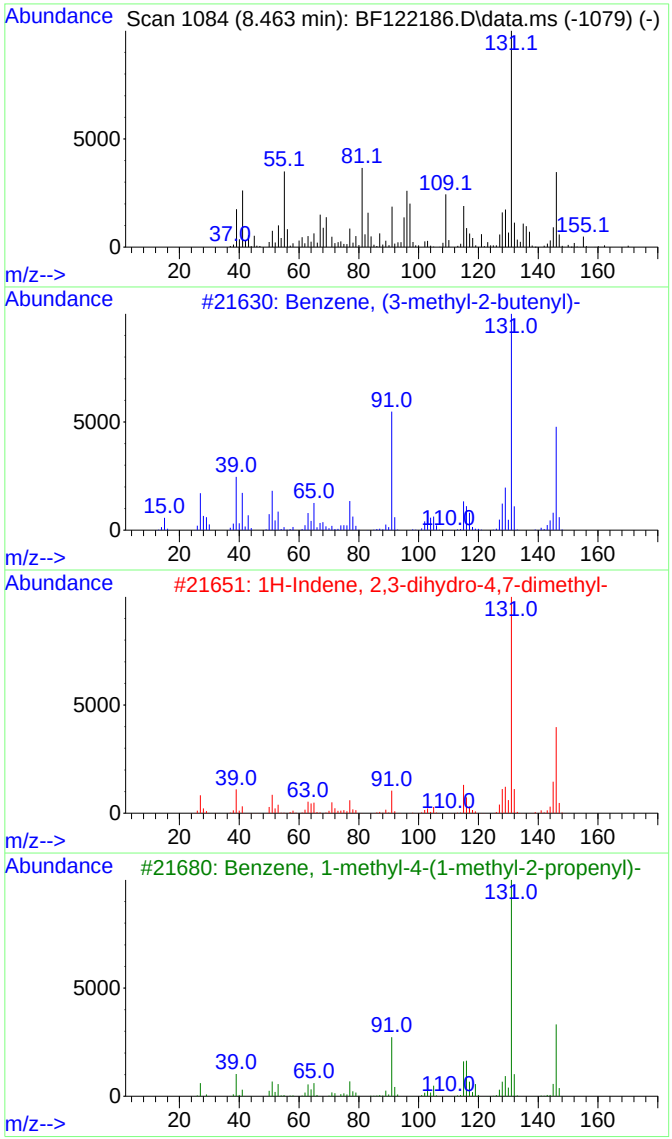
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

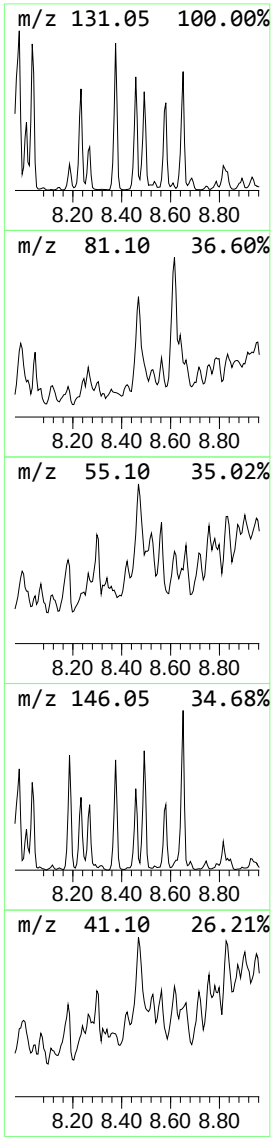
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	10.56 ng	1107540	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	60
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	60





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Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

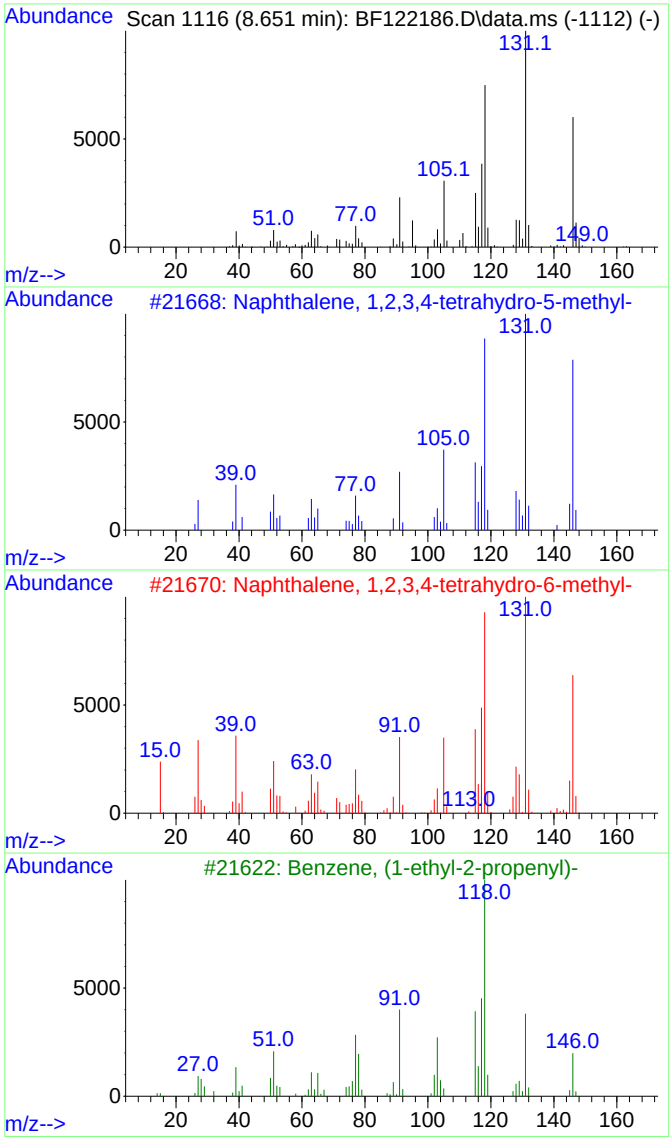
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

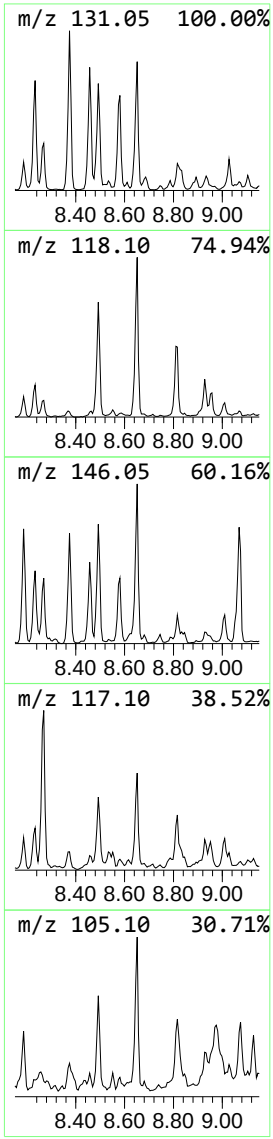
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	9.41 ng	986575	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	74
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58





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Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

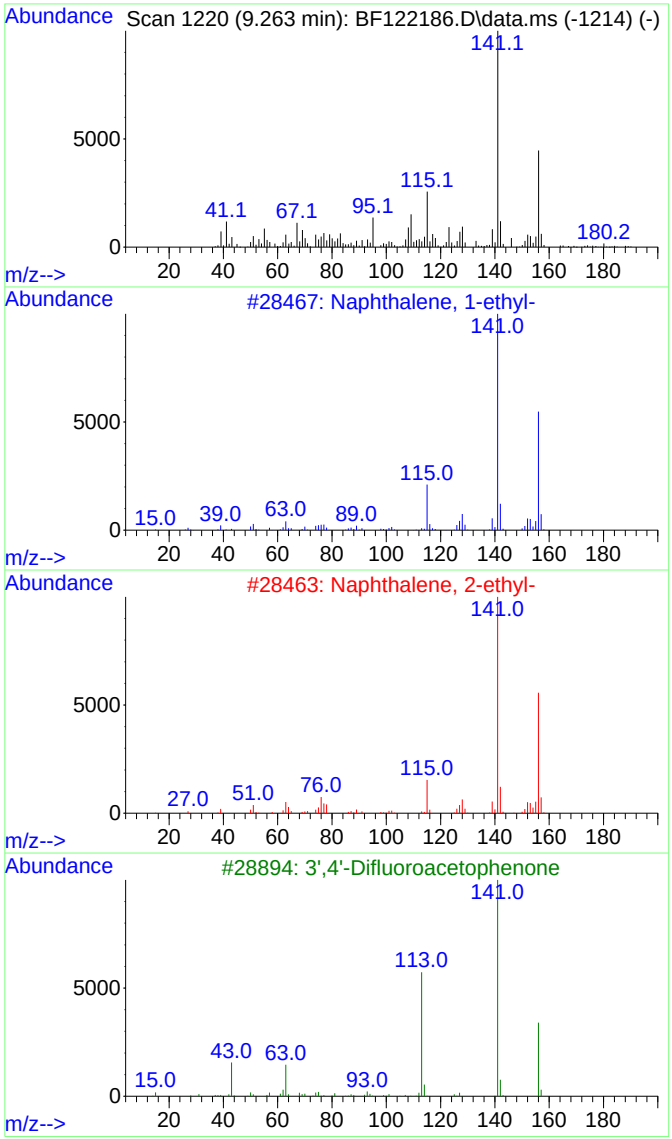
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

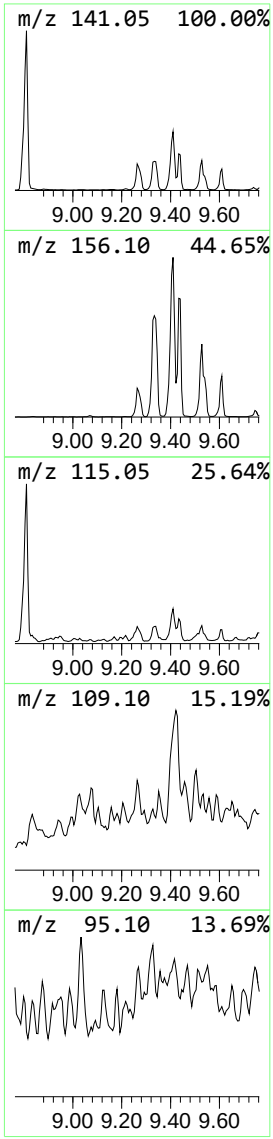
****

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	16.82 ng	1231770	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	86
3	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	52
4	Ethanone, 1-(2,4-difluorophenyl)-	156	C8H6F2O	000364-83-0	47
5	Butethal	212	C10H16N2O3	000077-28-1	47





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Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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

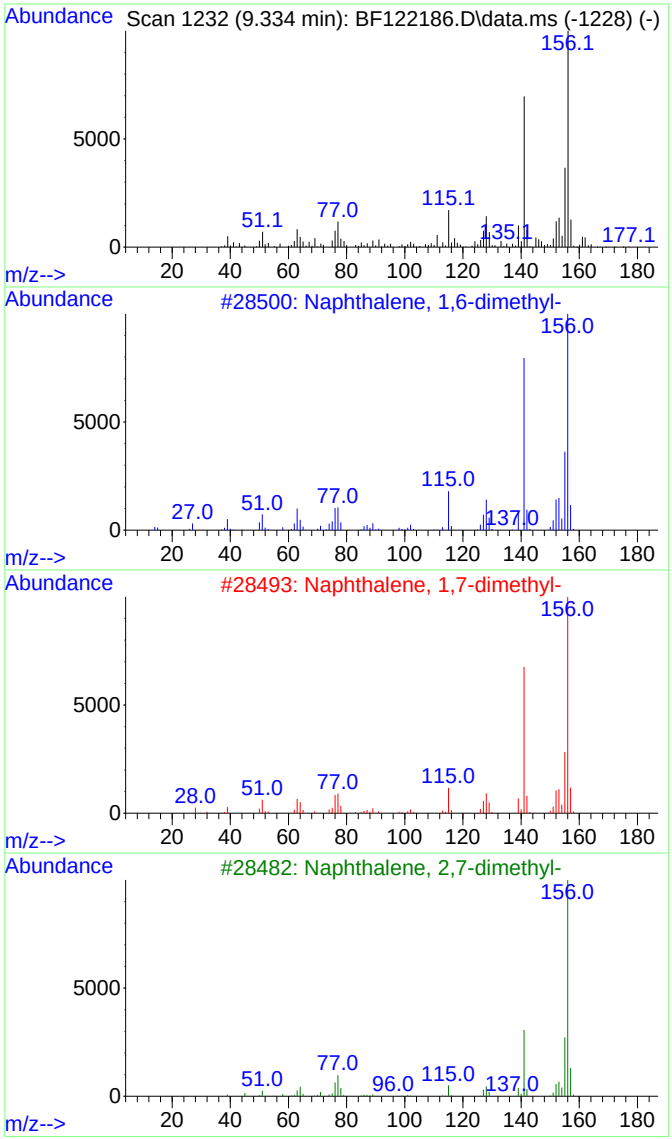
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

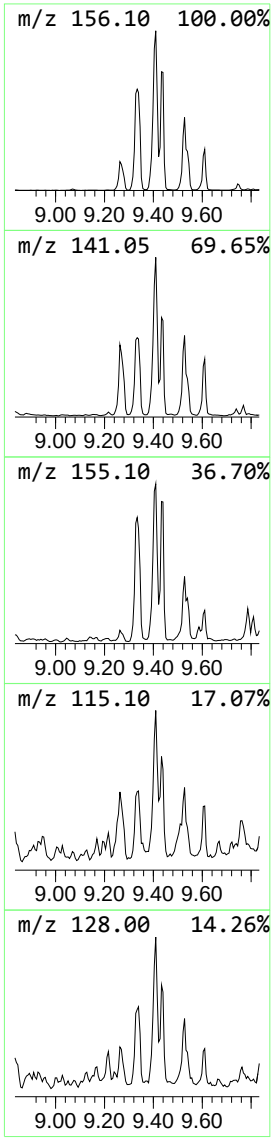
****

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	21.91 ng	1605150	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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

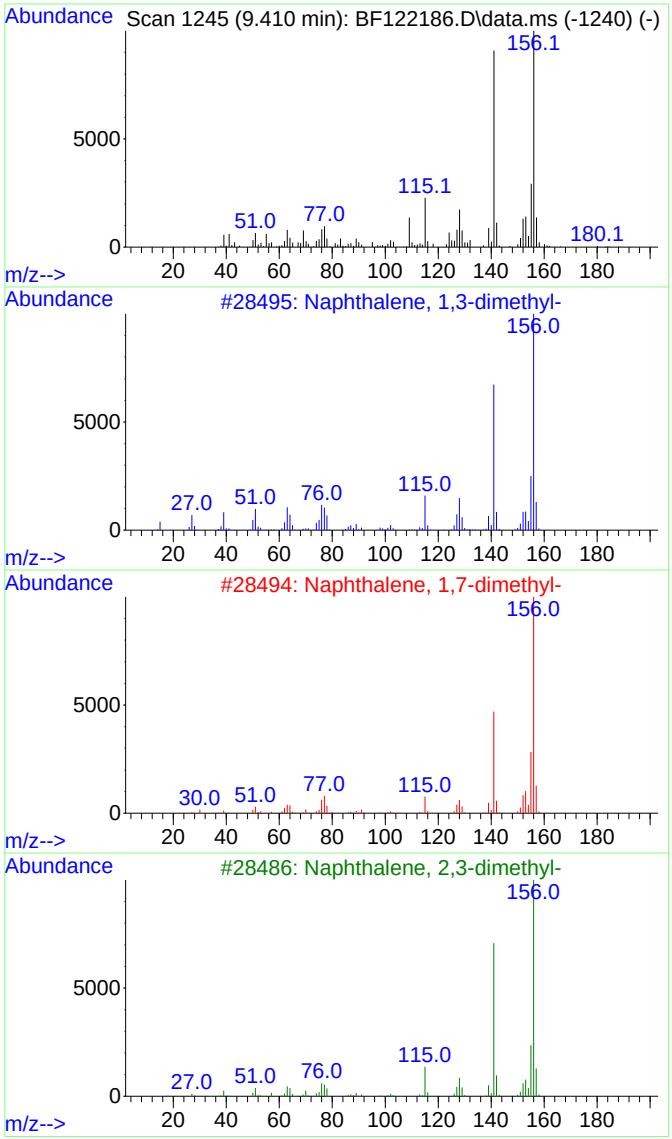
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

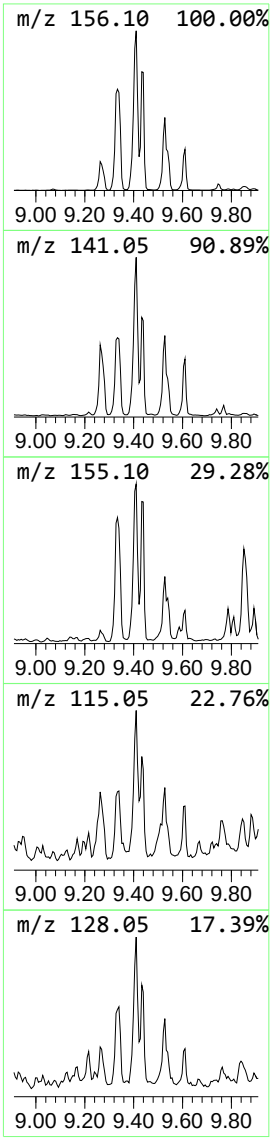
****

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	31.92 ng	2337940	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

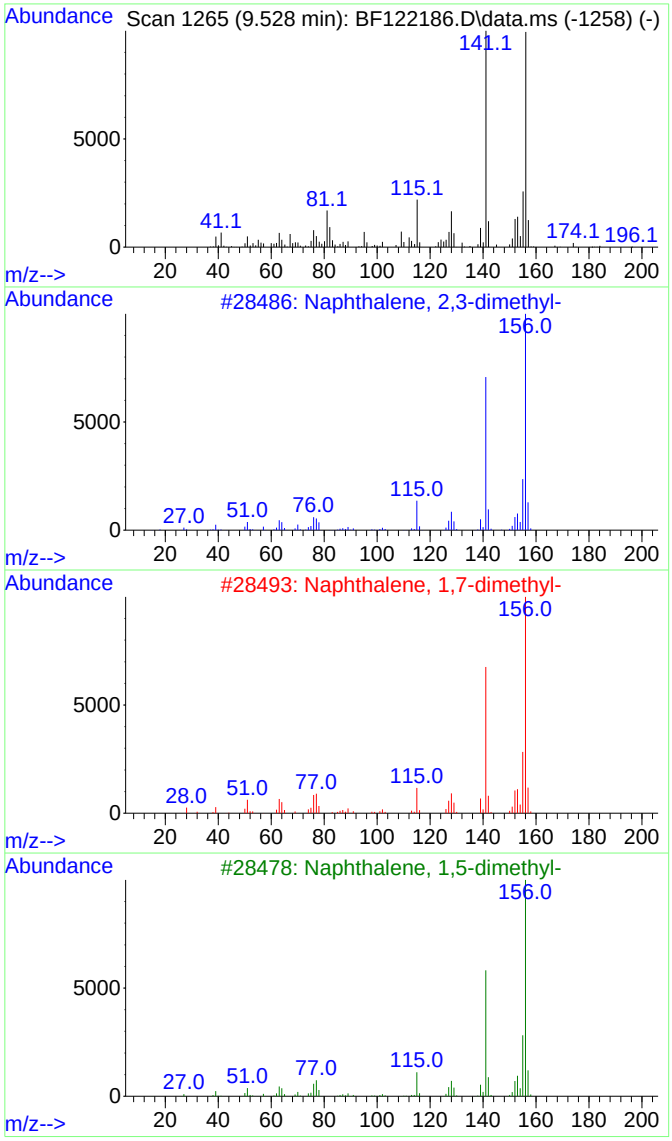
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

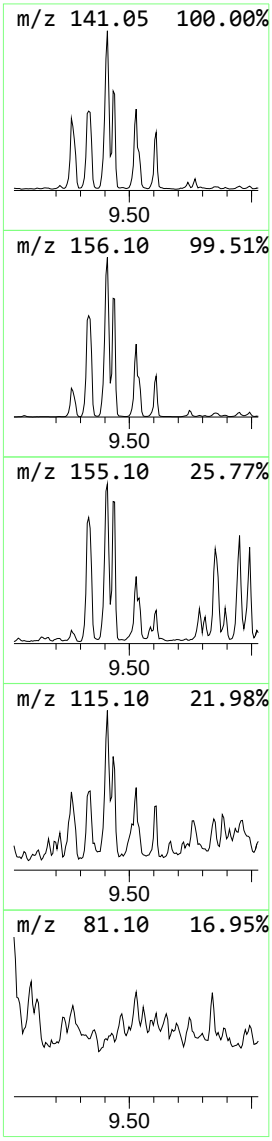
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	25.96 ng	1901450	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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

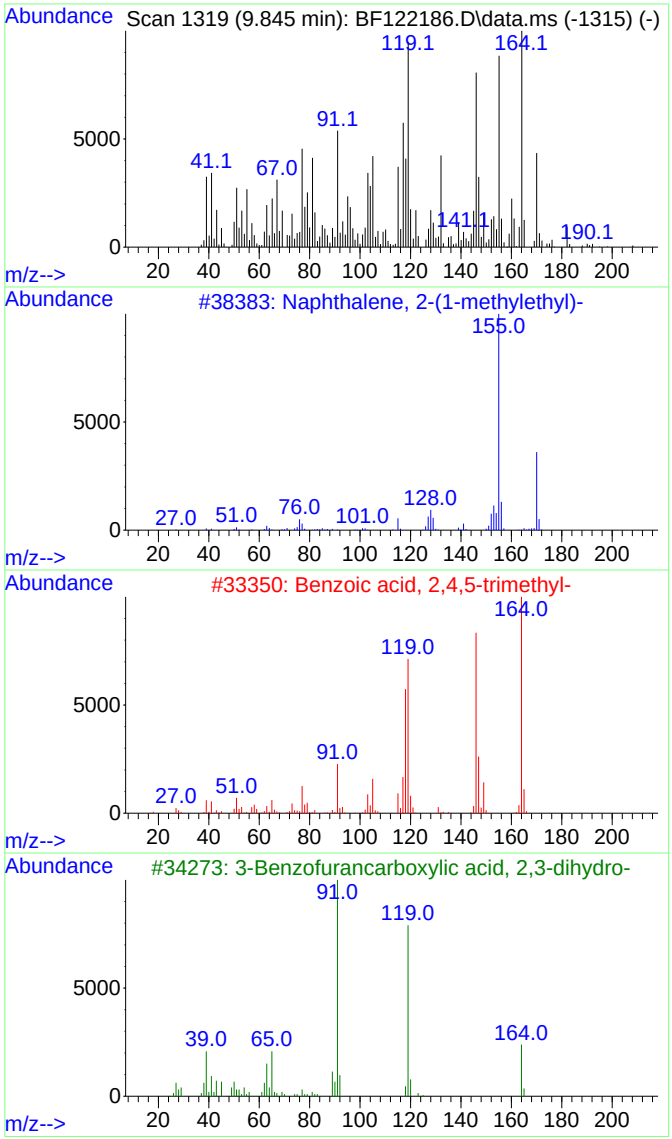
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

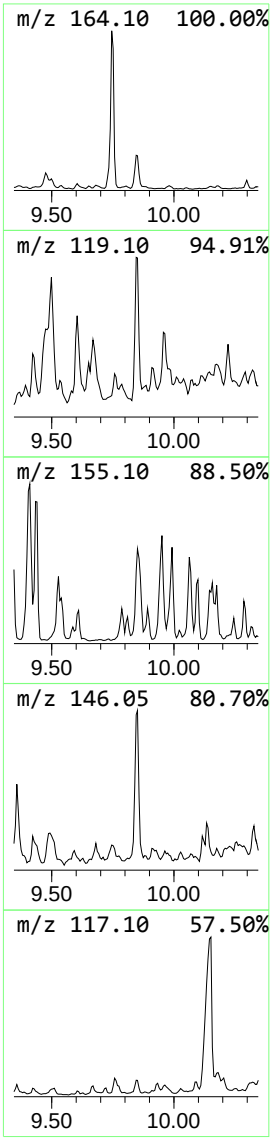
****

Peak Number 14 unknown9.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	16.78 ng	1229490	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	44
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	43
3	3-Benzofurancarboxylic acid, 2,3...	164	C9H8O3	039891-55-9	35
4	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	35
5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	27





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Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

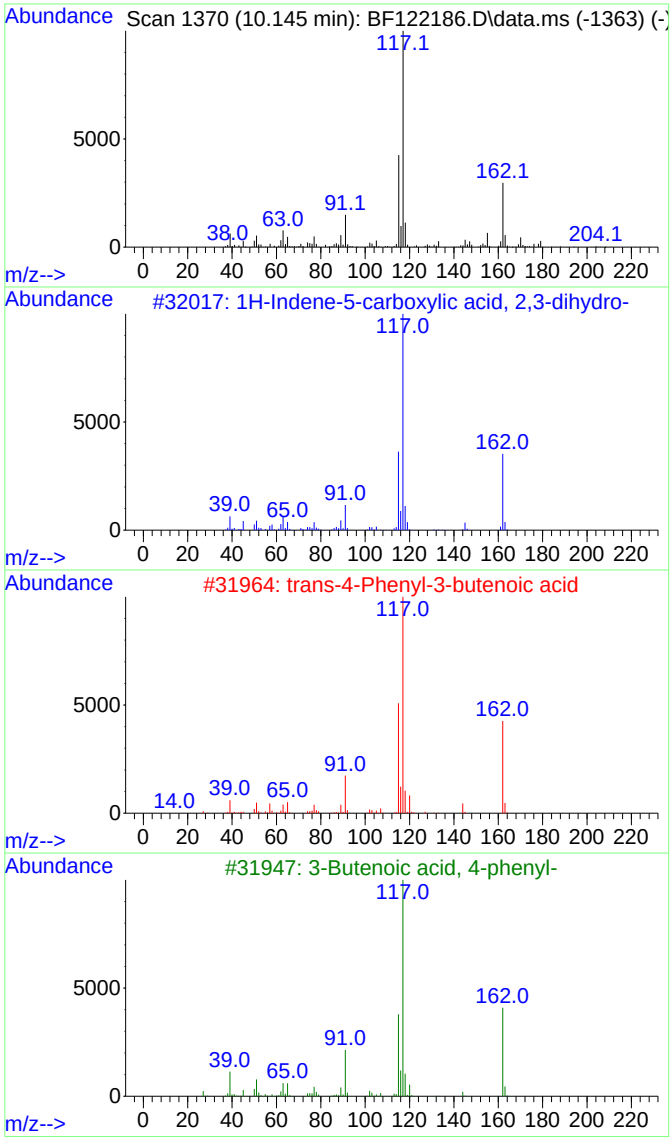
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

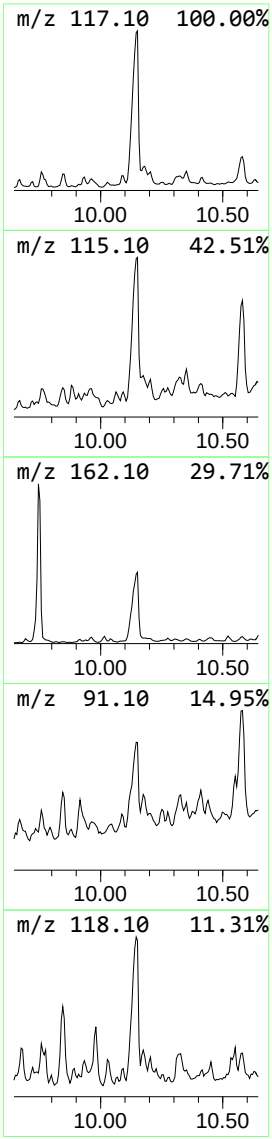
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene-5-carboxylic acid... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	25.43 ng	1863030	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	94
2	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	93
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	81
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	59





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Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

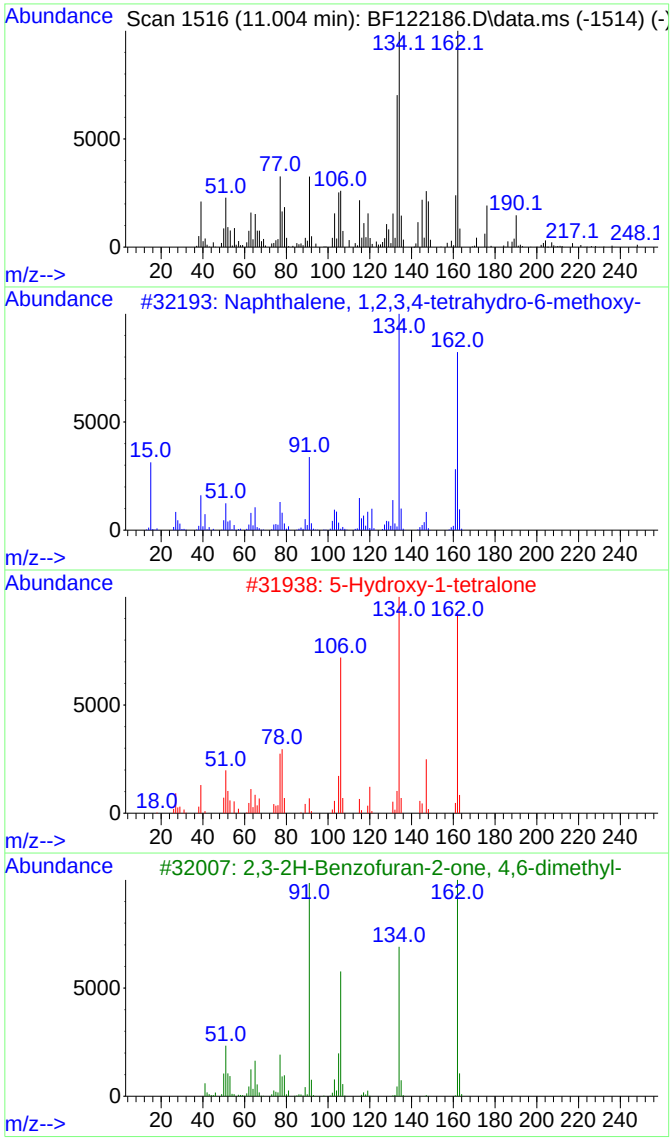
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

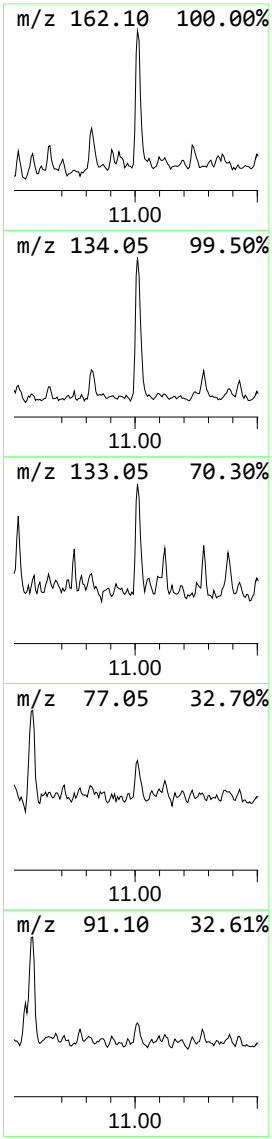
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	12.62 ng	542671	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001730-48-9	55
2	5-Hydroxy-1-tetralone	162	C10H10O2	028315-93-7	49
3	2,3-2H-Benzofuran-2-one, 4,6-dim...	162	C10H10O2	033901-25-6	45
4	7-Hydroxycoumarin	162	C9H6O3	000093-35-6	43
5	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	38





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Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

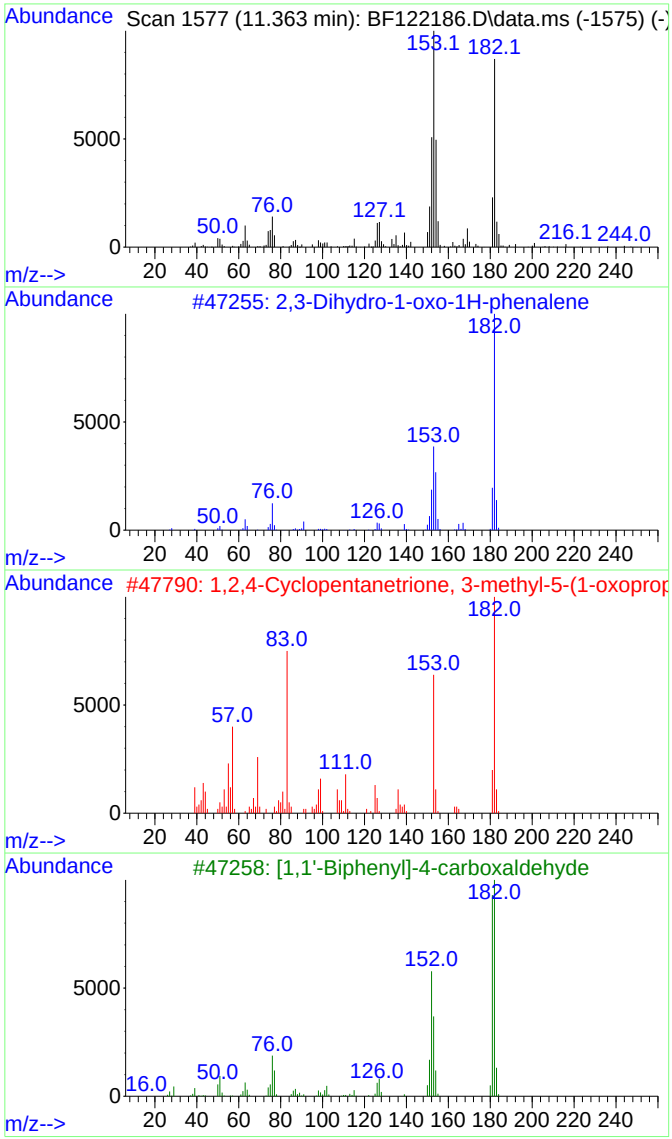
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

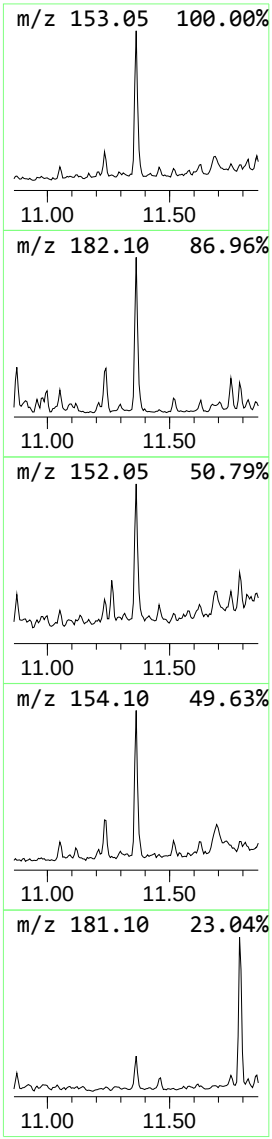
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	9.99 ng	429461	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	80
2	1,2,4-Cyclopentanetrione, 3-meth...	182	C9H10O4	057174-14-8	50
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	46
4	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38
5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

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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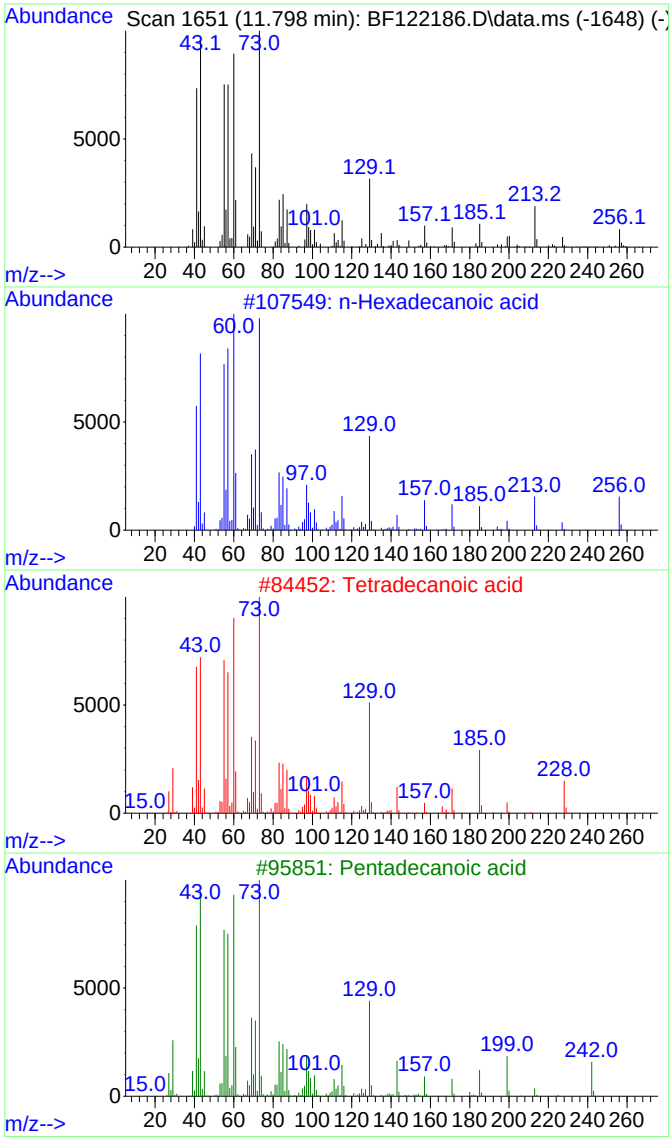
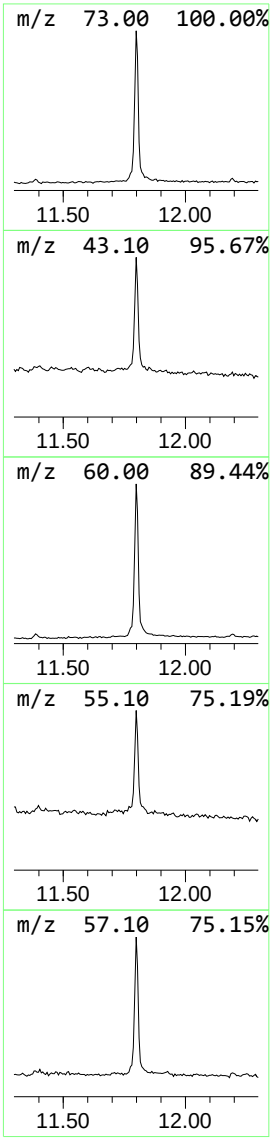
Peak Number 18 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	26.45 ng	1137460	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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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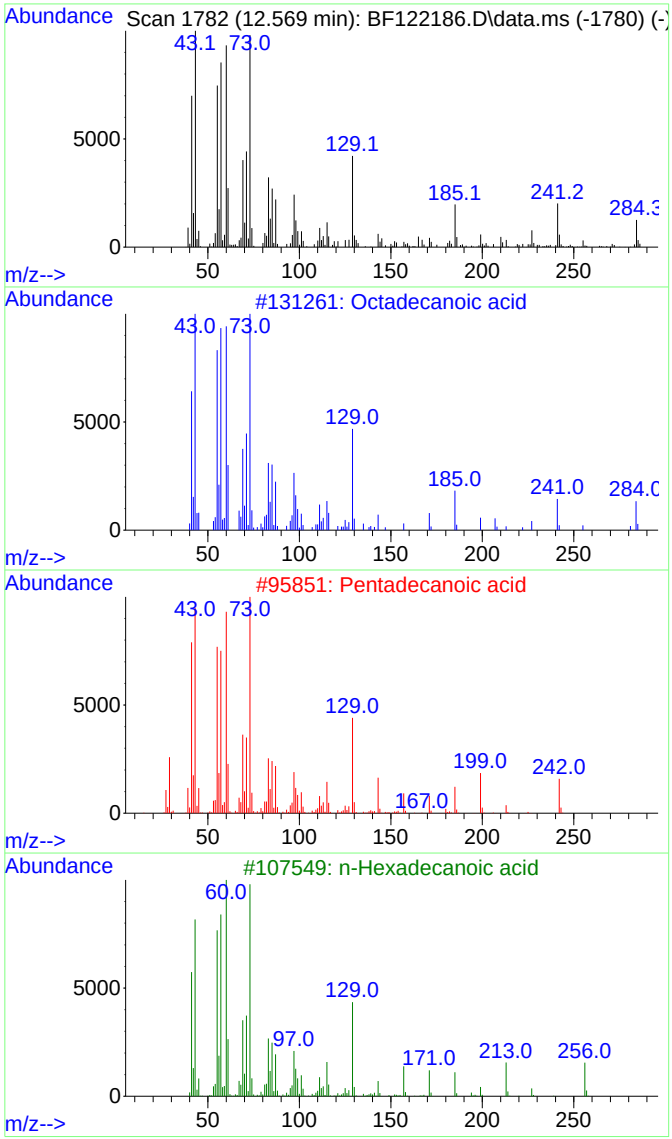
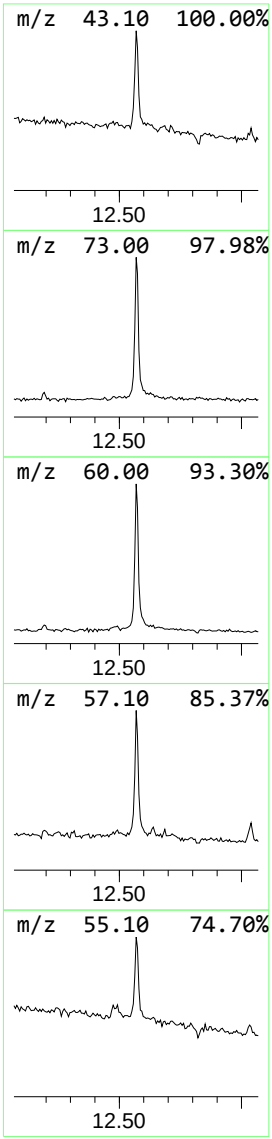
Peak Number 19 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	13.68 ng	393003	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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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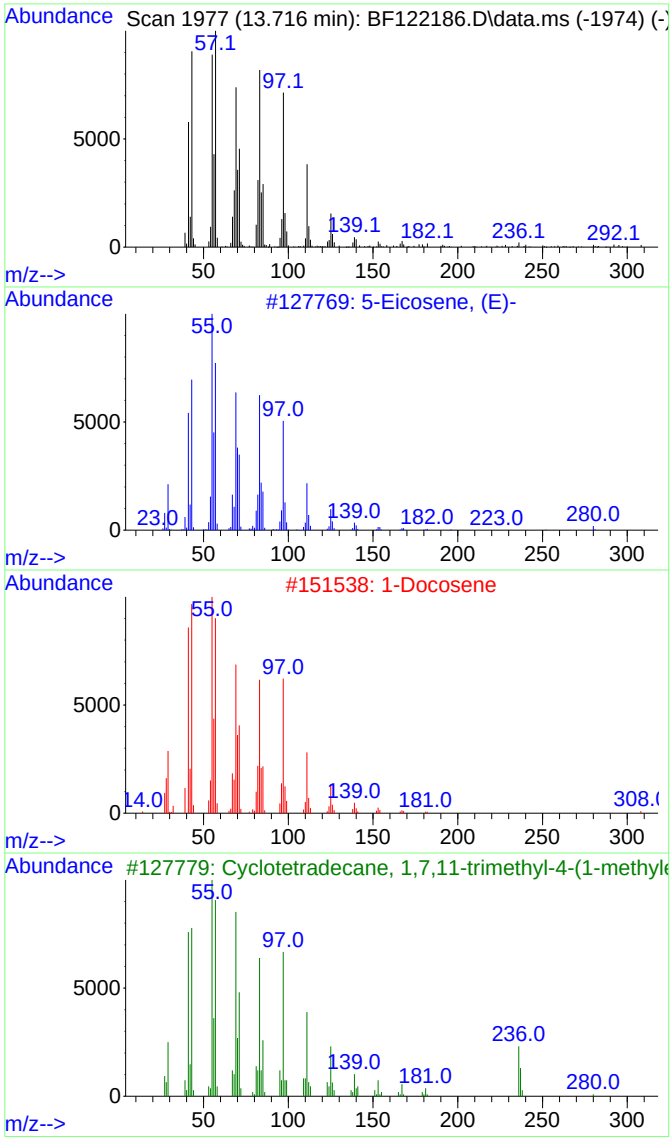
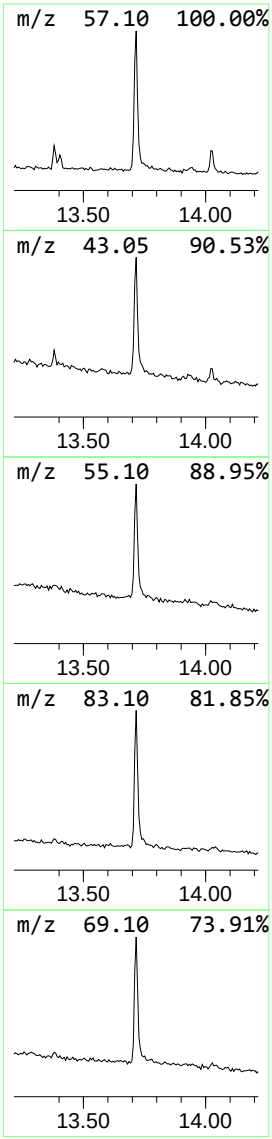
Peak Number 20 5-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	15.71 ng	451336	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Docosene	308	C22H44	001599-67-3	94
3	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122186.D
Acq On : 30 Oct 2020 18:13
Operator : JU/CG
Sample : L4554-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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...	5.863	6.8	ng	260302	1	6.710	765387	20.0
Benzene, propyl-	6.157	10.3	ng	394166	1	6.710	765387	20.0
Benzene, 1,1'-(...	6.881	34.0	ng	1302480	1	6.710	765387	20.0
Benzene, 1,3-di...	6.951	8.0	ng	307833	1	6.710	765387	20.0
Indan, 1-methyl-	7.663	8.3	ng	872716	2	7.992	2097190	20.0
Benzene, 2-ethe...	7.728	17.3	ng	1818270	2	7.992	2097190	20.0
Naphthalene, 1,...	8.187	8.0	ng	842629	2	7.992	2097190	20.0
Benzene, (3-met...	8.463	10.6	ng	1107540	2	7.992	2097190	20.0
Naphthalene, 1,...	8.651	9.4	ng	986575	2	7.992	2097190	20.0
Naphthalene, 1-...	9.263	16.8	ng	1231770	3	9.745	1465060	20.0
Naphthalene, 1,...	9.334	21.9	ng	1605150	3	9.745	1465060	20.0
Naphthalene, 1,...	9.410	31.9	ng	2337940	3	9.745	1465060	20.0
Naphthalene, 2,...	9.528	26.0	ng	1901450	3	9.745	1465060	20.0
unknown9.84	9.845	16.8	ng	1229490	3	9.745	1465060	20.0
1H-Indene-5-car...	10.145	25.4	ng	1863030	3	9.745	1465060	20.0
Naphthalene, 1,...	11.004	12.6	ng	542671	4	11.239	860054	20.0
2,3-Dihydro-1-o...	11.363	10.0	ng	429461	4	11.239	860054	20.0
n-Hexadecanoic ...	11.798	26.4	ng	1137460	4	11.239	860054	20.0
Octadecanoic acid	12.569	13.7	ng	393003	5	13.886	574707	20.0
5-Eicosene, (E)-	13.716	15.7	ng	451336	5	13.886	574707	20.0