LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	18	23	28	rVB	326281	416626	6.03%	0.307%
2	5.534	580	586	589	rBV	3507623	3453336	49.98%	2.545%
3	6.363	722	727	730	rBV3	82869	114044	1.65%	0.084%
4	6.457	739	743	750	rBV3	135853	249271	3.61%	0.184%
5	6.534	750	756	761	rVV	3457787	3765770	54.50%	2.775%
6	6.598	765	767	770	rBV2	105790	104226	1.51%	0.077%
7	6.669	774	779	783	rBV4	120744	219749	3.18%	0.162%
8	6.757	791	794	797	rBV2	130764	160652	2.33%	0.118%
9	6.851	805	810	813	rBV4	65388	115505	1.67%	0.085%
10	6.916	818	821	823	rBV	1448463	1181292	17.10%	0.871%
11	6.975	829	831	835	rVB2	222428	253802	3.67%	0.187%
12	7.016	835	838	840	rBV3	160383	196081	2.84%	0.144%
13	7.069	844	847	851	rBV2	342238	306107	4.43%	0.226%
14	7.104	851	853	855	rVB2	175072	126960	1.84%	0.094%
15	7.151	859	861	863	rBV2	181240	169475	2.45%	0.125%
16	7.198	866	869	872	rVB2	514718	488248	7.07%	0.360%
17	7.234	872	875	878	rVB2	345644	352466	5.10%	0.260%
18	7.263	878	880	883	rBV4	162064	203584	2.95%	0.150%
19	7.316	883	889	892	rBV3	706153	917914	13.29%	0.676%
20	7.351	892	895	899	rVB4	260942	316822	4.59%	0.233%
21	7.398	899	903	908	rBV3	207654	371362	5.37%	0.274%
22	7.475	908	916	919	rBV2	2596631	3681352	53.28%	2.713%
23	7.569	927	932	935	rVB4	1100656	1623959	23.50%	1.197%
24	7.610	935	939	940	rBV3	563399	769849	11.14%	0.567%
25	7.734	948	960	963	rVB4	1721361	2637464	38.17%	1.944%
26	7.757	963	964	968	rVB2	255961	164818	2.39%	0.121%
27	7.810	968	973	974	rBV3	619487	864910	12.52%	0.637%
28	7.828	974	976	977	rBV	508545	315161	4.56%	0.232%
29	7.851	977	980	983	rVB3	1815057	1861621	26.94%	1.372%
30	7.892	983	987	989	rVB3	687417	660121	9.55%	0.486%
31	7.922	989	992	994	rBV3	952071	1082206	15.66%	0.797%
32	7.945	994	996	998	rVB2	681313	463493	6.71%	0.342%
33	7.969	998	1000	1003	rVB	851218	807431	11.69%	0.595%
34	8.004	1003	1006	1007	rBV2	602578	587509	8.50%	0.433%
35	8.022	1007	1009	1011	rBV2	485874	413671	5.99%	0.305%
36	8.045	1011	1013	1016	rVB	913945	740415	10.72%	0.546%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.075	1016	1018	1022	rBV3	1174789	1468079	21.25%	1.082%
38	8.110	1022	1024	1028	rBV2	912013	875183	12.67%	0.645%
39	8.163	1028	1033	1035	rBV5	859354	1456847	21.09%	1.074%
40	8.198	1035	1039	1041	rBV2	2384597	3284352	47.54%	2.420%
41	8.269	1047	1051	1054	rVB2	2212571	3249948	47.04%	2.395%
42	8.298	1054	1056	1064	rVB5	1458519	1890356	27.36%	1.393%
43	8.363	1064	1067	1068	rBV3	842982	799728	11.57%	0.589%
44	8.386	1068	1071	1073	rVV2	947306	1086544	15.73%	0.801%
45	8.404	1073	1074	1079	rVB3	1510553	1806846	26.15%	1.331%
46	8.451	1080	1082	1085	rBV4	900878	680536	9.85%	0.501%
47	8.504	1086	1091	1094	rBV4	2552270	3290063	47.62%	2.424%
48	8.533	1094	1096	1098	rVB2	907288	724856	10.49%	0.534%
49	8.563	1098	1101	1103	rBV3	1416373	1337034	19.35%	0.985%
50	8.592	1103	1106	1110	rBV2	2182555	2708223	39.20%	1.996%
51	8.639	1110	1114	1116	rBV	3460353	3649210	52.82%	2.689%
52	8.681	1119	1121	1123	rVB2	1966097	1574780	22.79%	1.160%
53	8.716	1124	1127	1130	rBV2	2936121	3093154	44.77%	2.279%
54	8.757	1132	1134	1139	rVB4	1419667	1752682	25.37%	1.292%
55	8.810	1139	1143	1145	rBV3	1552180	2371143	34.32%	1.747%
56	8.875	1152	1154	1156	rVB2	1787372	1223043	17.70%	0.901%
57	8.969	1167	1170	1172	rBV3	1309548	1262557	18.27%	0.930%
58	9.039	1172	1182	1184	rBV5	3957162	6909305	100.00%	5.092%
59	9.157	1200	1202	1204	rBV2	1425153	1332262	19.28%	0.982%
60	9.216	1210	1212	1213	rBV	1274350	898739	13.01%	0.662%
61	9.245	1214	1217	1221	rVV2	3591770	4086818	59.15%	3.012%
62	9.286	1221	1224	1227	rVV2	3174442	3114648	45.08%	2.295%
63	9.333	1230	1232	1235	rBV3	1134325	993038	14.37%	0.732%
64	9.380	1236	1240	1244	rBV6	2926678	4054128	58.68%	2.988%
65	9.445	1249	1251	1254	rVB	2173614	2095608	30.33%	1.544%
66	9.551	1267	1269	1275	rVB5	1927728	2330438	33.73%	1.717%
67	9.610	1277	1279	1281	rBV3	1523958	1806951	26.15%	1.332%
68	9.657	1285	1287	1290	rVV3	2260195	1956754	28.32%	1.442%
69	9.704	1290	1295	1297	rVV4	3480122	5407359	78.26%	3.985%
70	9.728	1297	1299	1301	rVV	1892180	1751772	25.35%	1.291%
71	9.757	1301	1304	1308	rVB4	2111095	2744841	39.73%	2.023%
72	10.086	1357	1360	1364	rVB2	1679726	2090805	30.26%	1.541%
73	10.222	1381	1383	1389	rVB3	1789507	2881385	41.70%	2.123%
74	10.298	1393	1396	1399	rBV2	2443108	3179949	46.02%	2.343%
75	10.910	1495	1500	1507	rVB2	3232426	5525303	79.97%	4.072%
76	12.451	1760	1762	1764	rBV	1476185	1152440	16.68%	0.849%

LSC Area Percent Report

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Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.521	1772	1774	1777	rVB2	1549655	1584915	22.94%	1.168%
78	12.557	1778	1780	1783	rVB	1350272	1128920	16.34%	0.832%
79	12.927	1841	1843	1847	rVB2	1123852	1079058	15.62%	0.795%
80	13.051	1861	1864	1868	rBV	3380781	3483879	50.42%	2.567%
81	13.280	1901	1903	1906	rBV2	509552	467345	6.76%	0.344%
82	13.939	2013	2015	2028	rVB3	630401	1223579	17.71%	0.902%
83	14.104	2040	2043	2046	rVB	1580292	1335131	19.32%	0.984%
84	15.592	2291	2296	2300	rBV	1121442	1344550	19.46%	0.991%

Sum of corrected areas: 135702356

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
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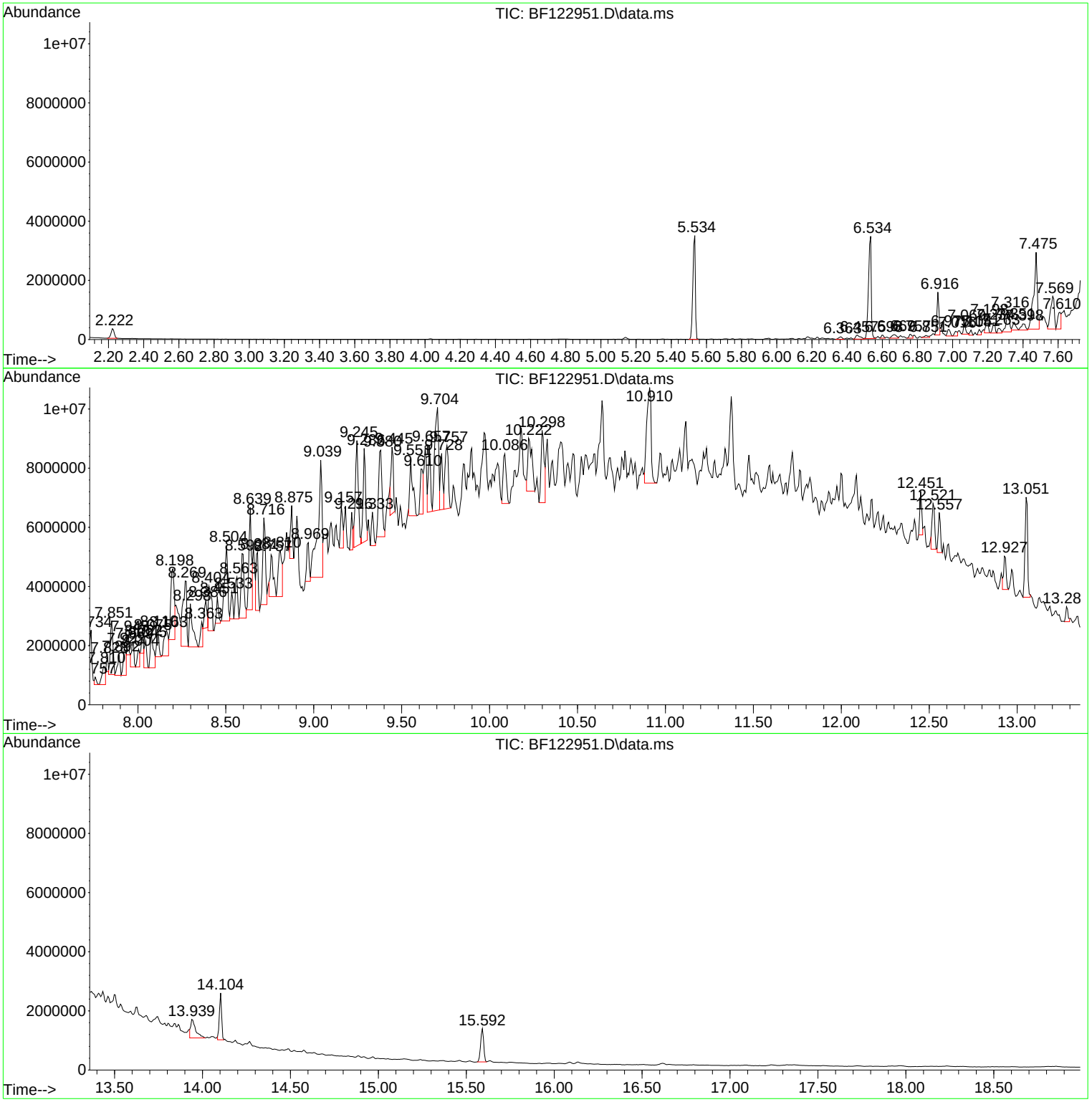
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

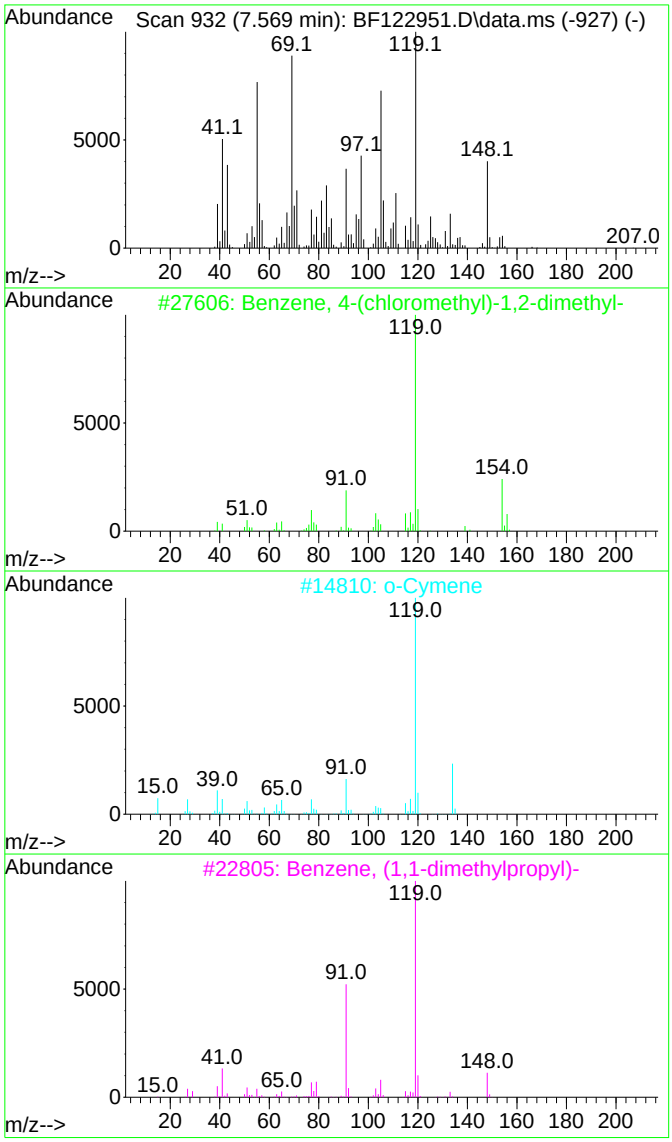
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

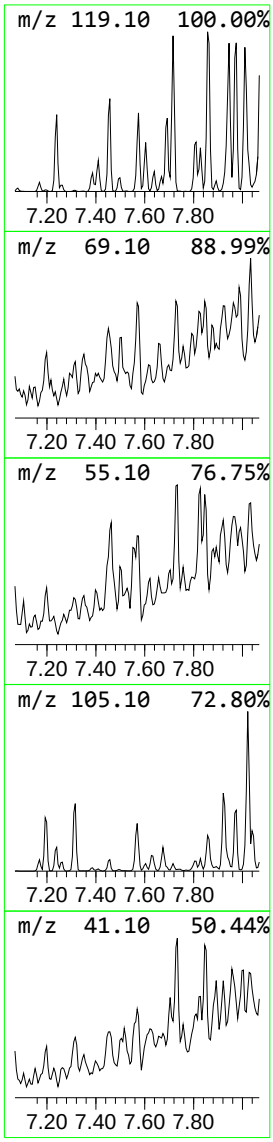
****

Peak Number 1 unknown7.569 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.569	9.89 ng	1623960	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	35
2	o-Cymene	134	C10H14	000527-84-4	35
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
4	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	30
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

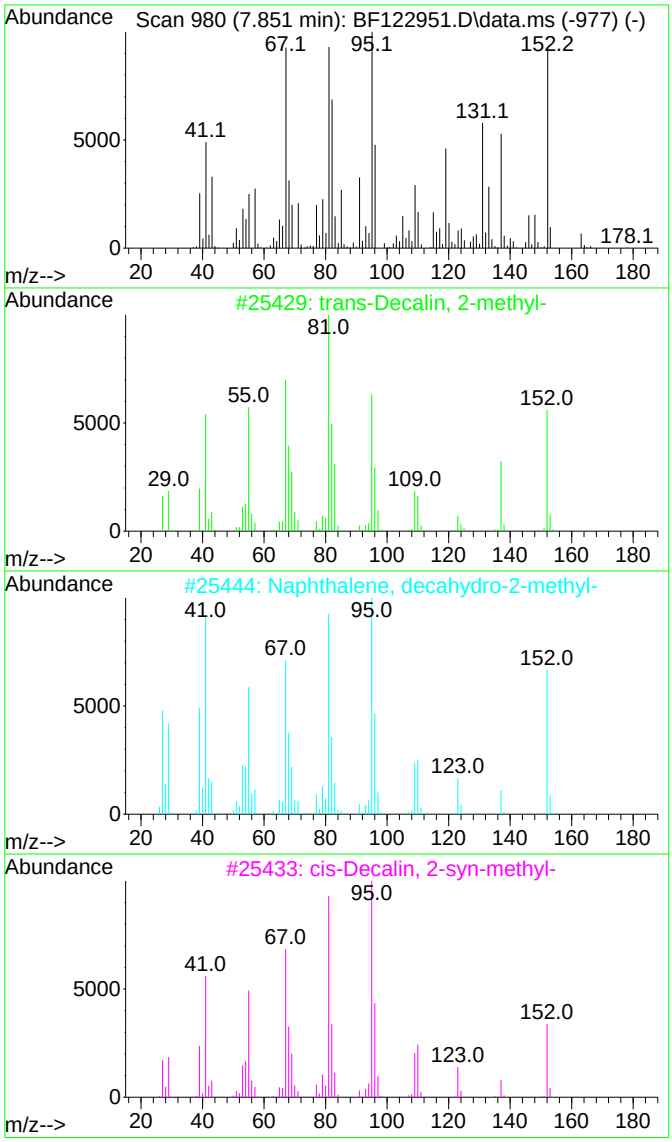
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

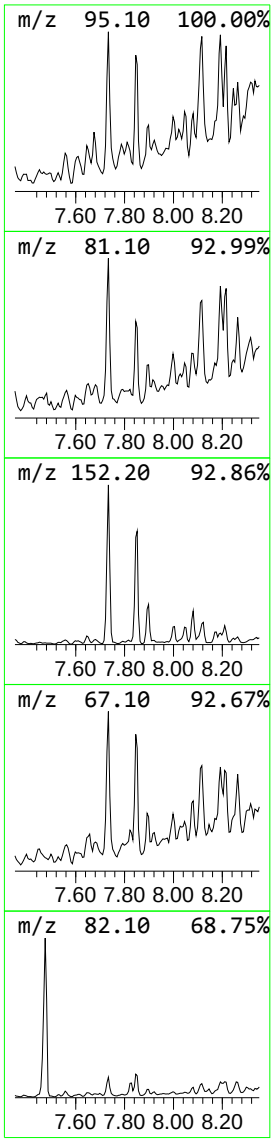
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 trans-Decalin, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.851	11.34 ng	1861620	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
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Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

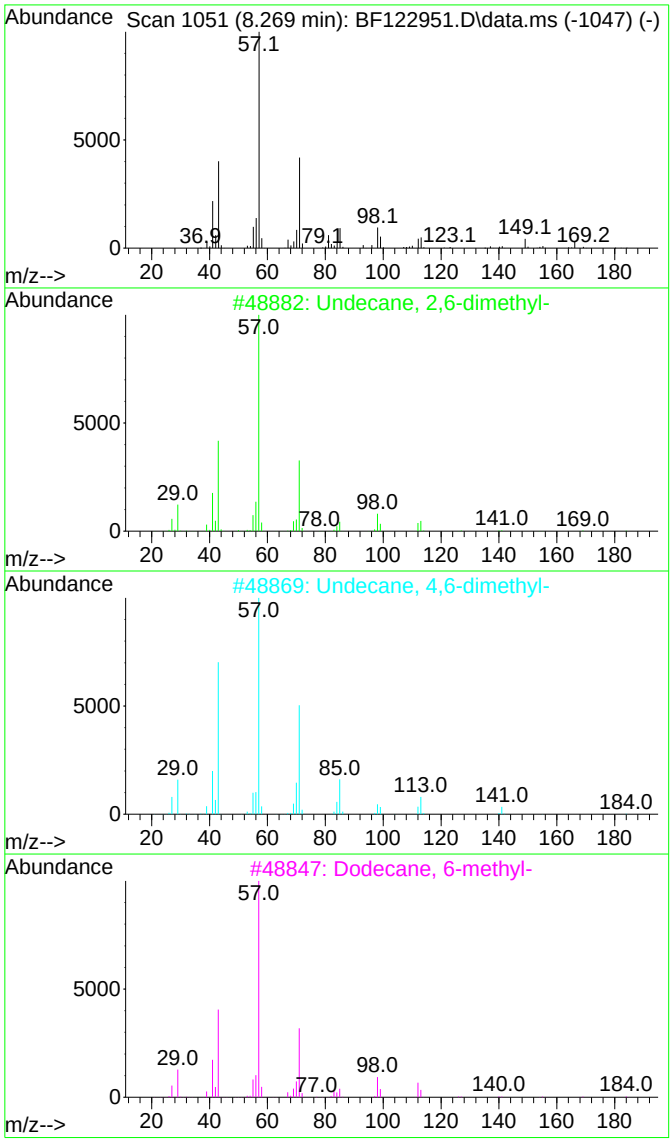
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

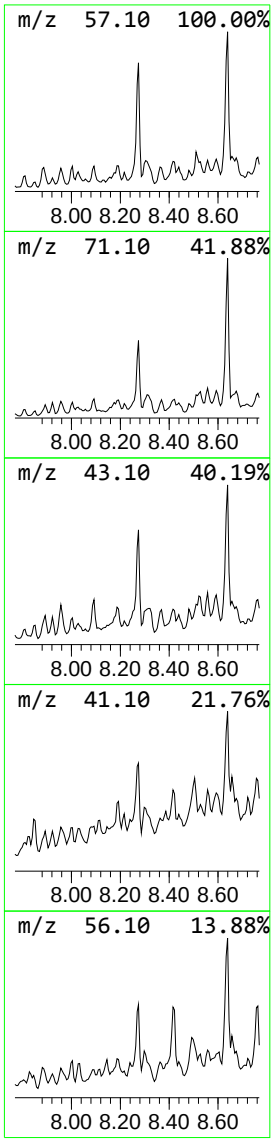
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.269	19.79 ng	3249950	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	83
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

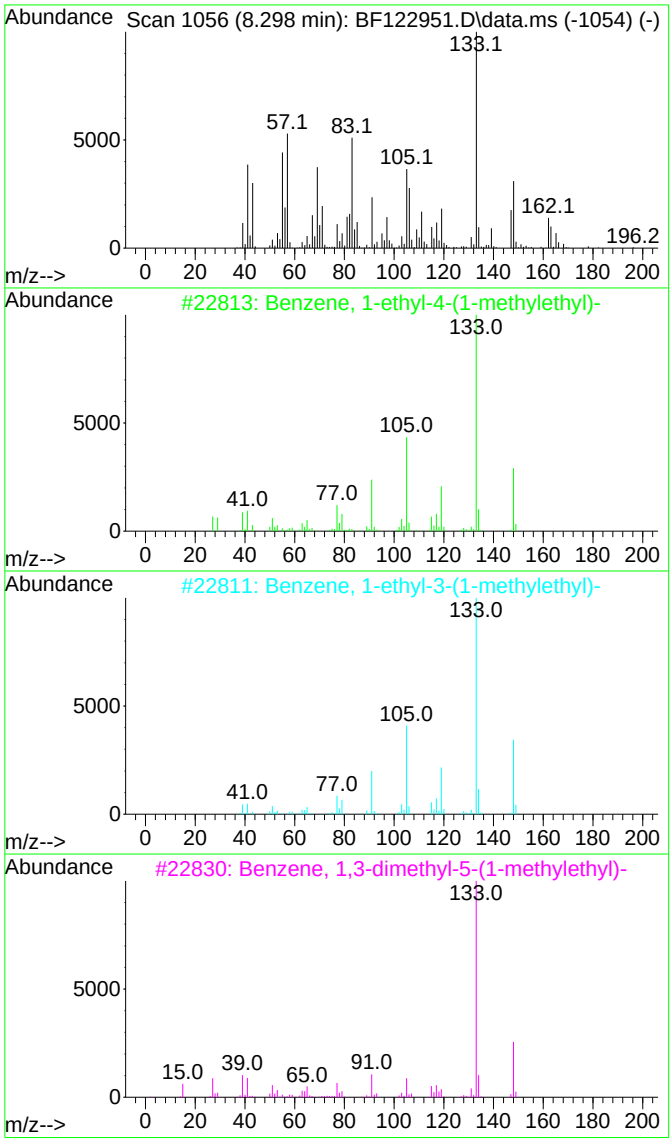
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

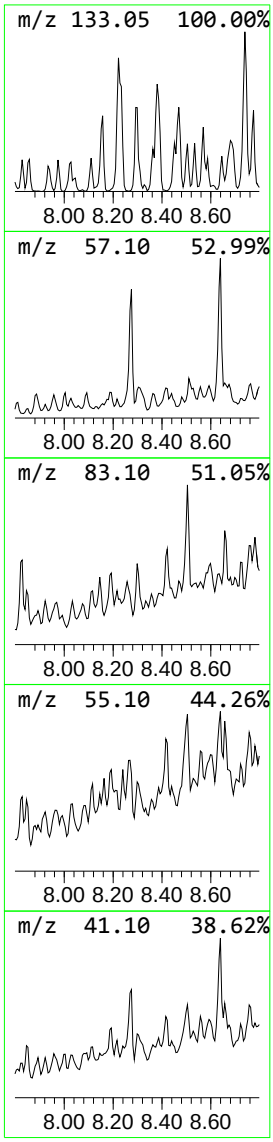
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.298	11.51 ng	1890360	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	55
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	55
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	50
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

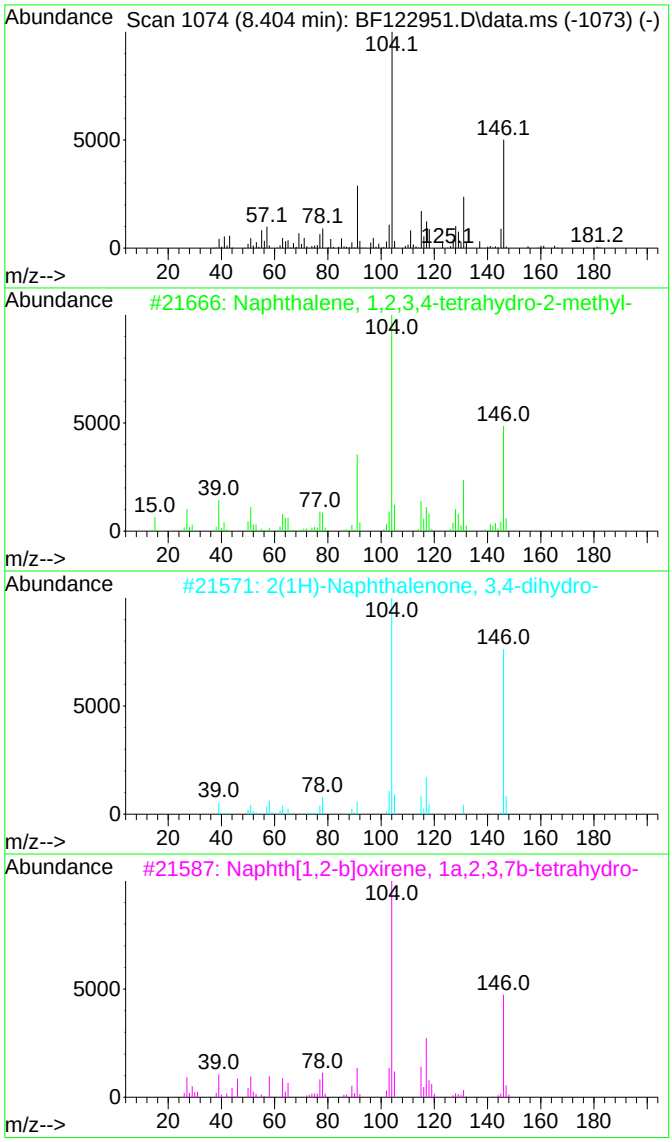
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

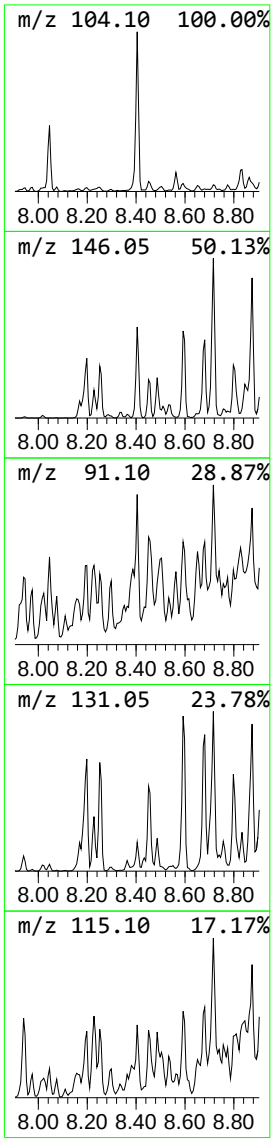
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.404	11.00 ng	1806850	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53
4	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	45
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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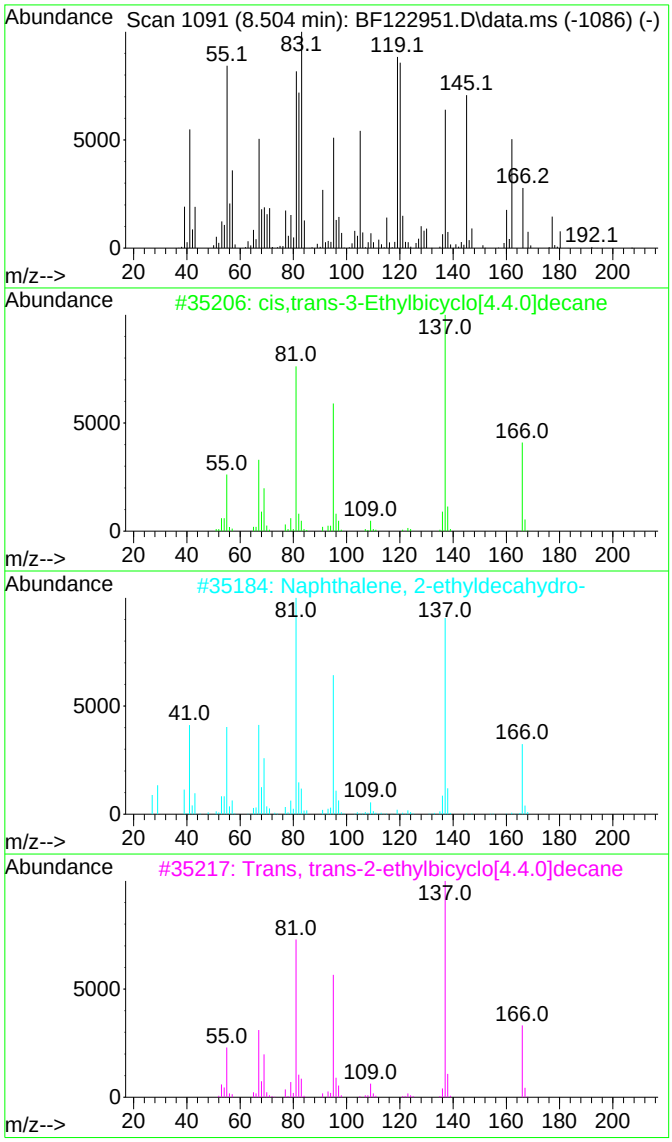
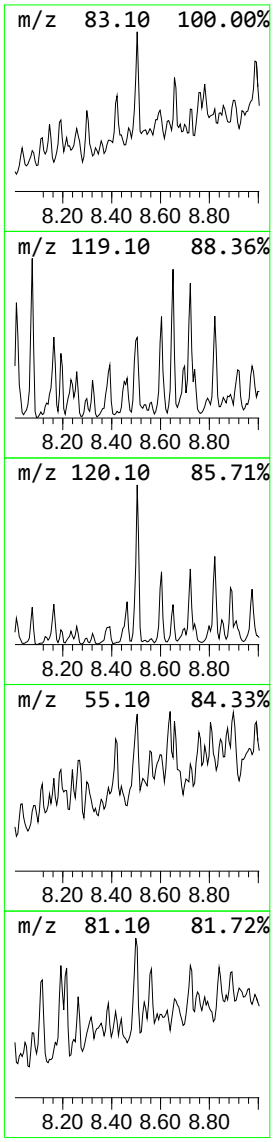
****

Peak Number 6 unknown8.504 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	20.03 ng	3290060	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
2	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	38
3	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	38
4	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	38
5	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	30





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Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

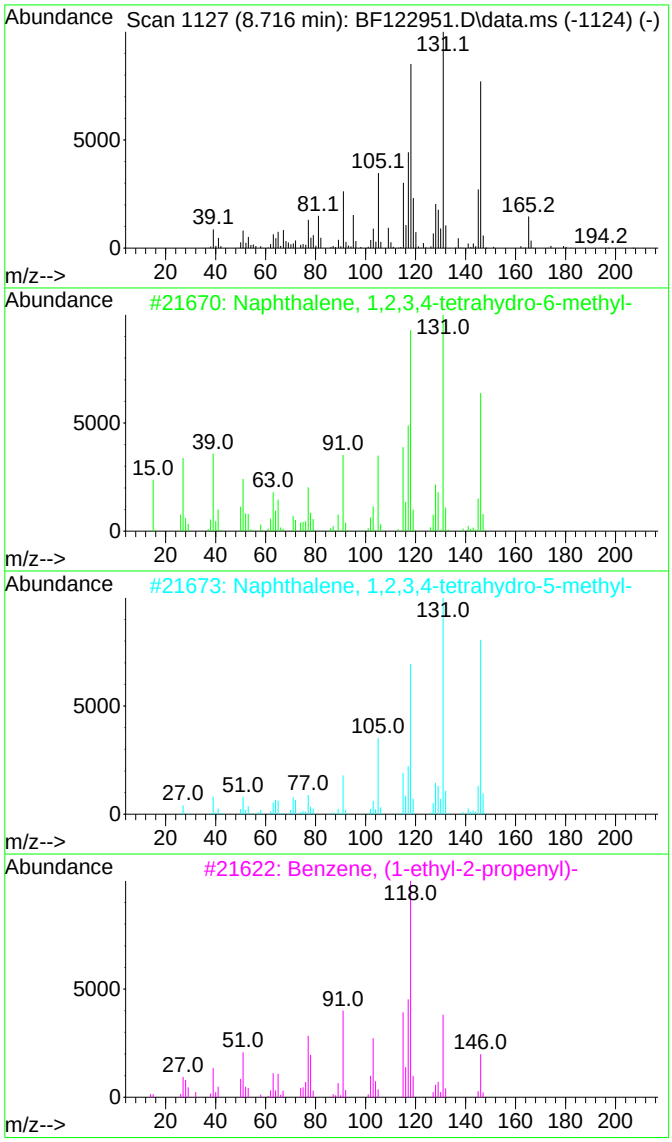
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

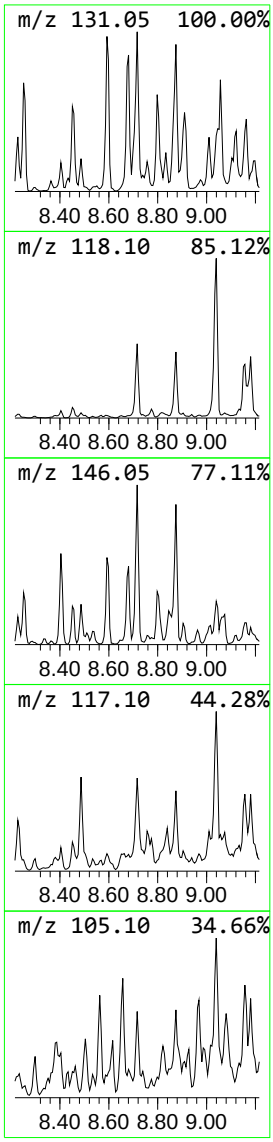
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.716	18.84 ng	3093150	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	53





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Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

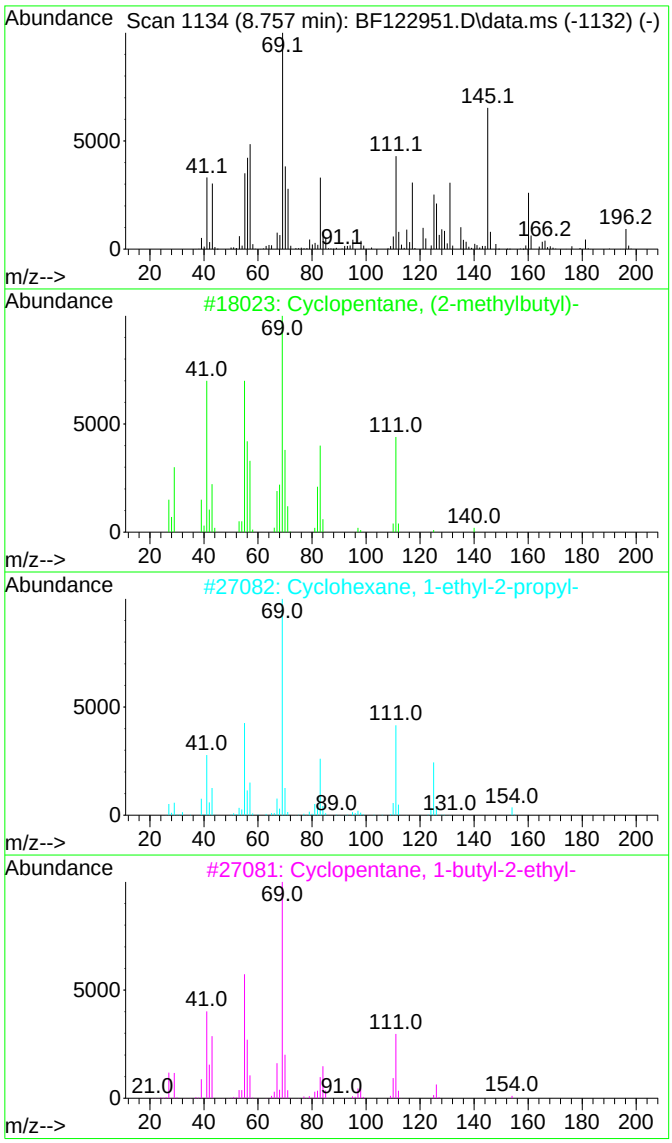
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

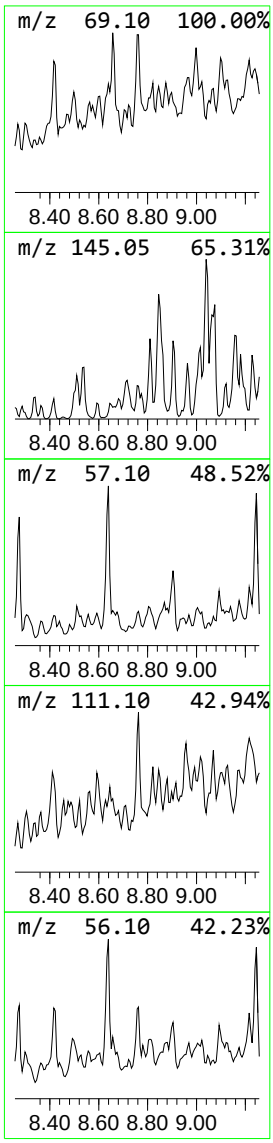
****

Peak Number 8 unknown8.757 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	10.67 ng	1752680	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	45
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
3	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	35
4	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	35
5	Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	32





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Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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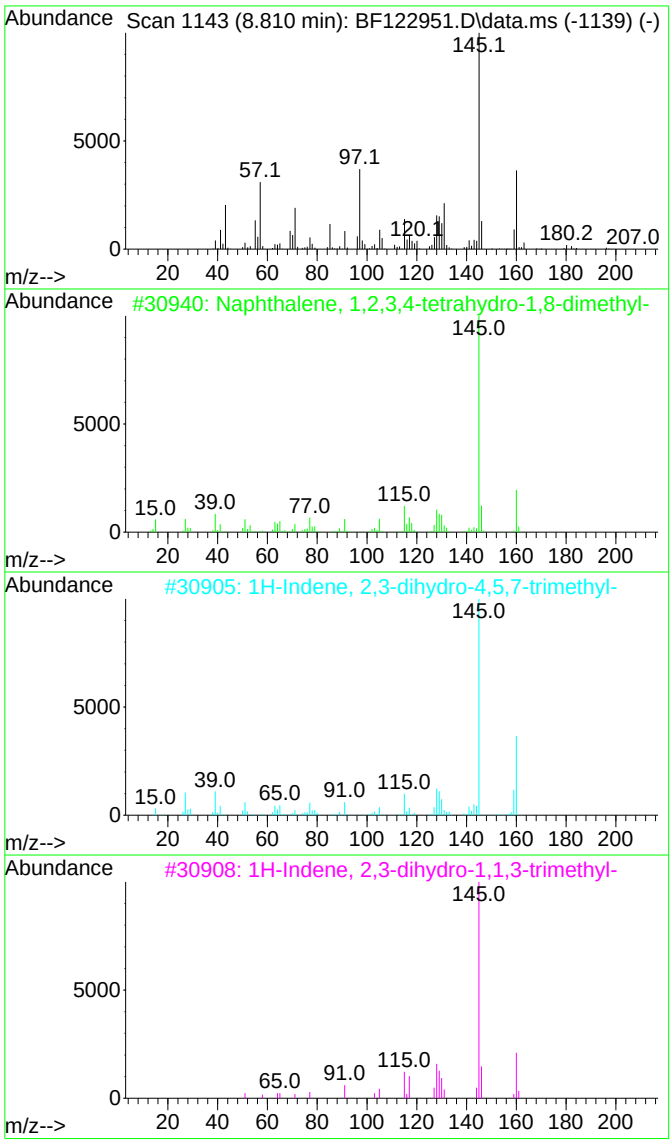
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

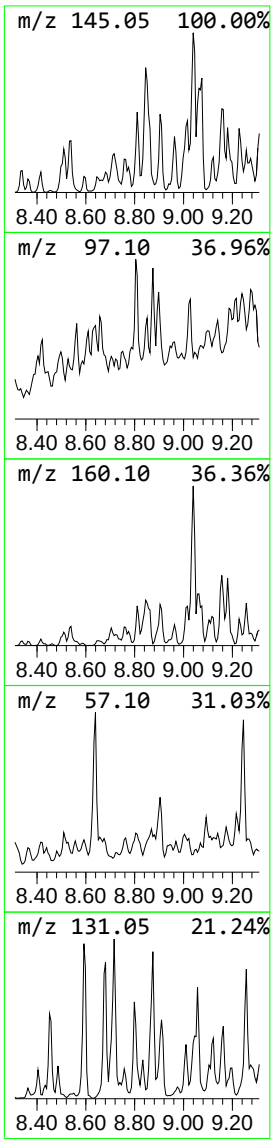
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.810	14.44 ng	2371140	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
2	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	70
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70





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Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

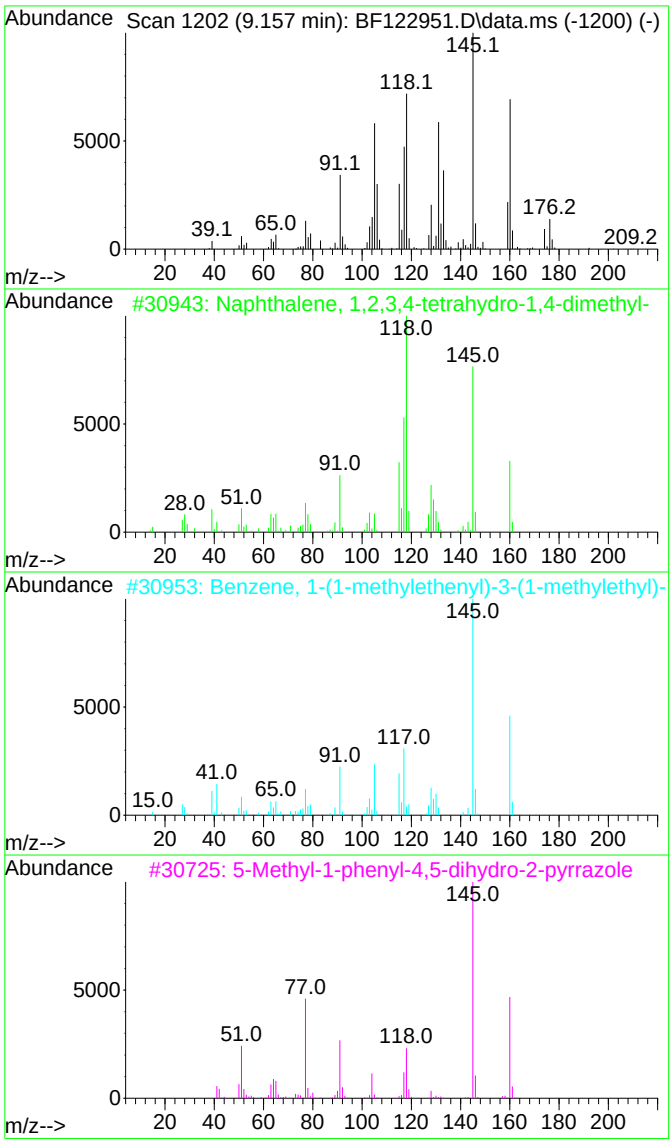
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

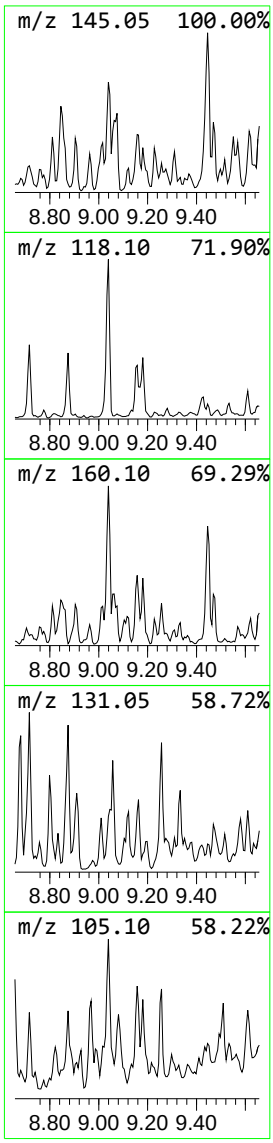
****

Peak Number 10 unknown9.157 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	12.74 ng	1332260	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	45
3	5-Methyl-1-phenyl-4,5-dihydro-2-...	160	C10H12N2	020409-84-1	38
4	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	38
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	30





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Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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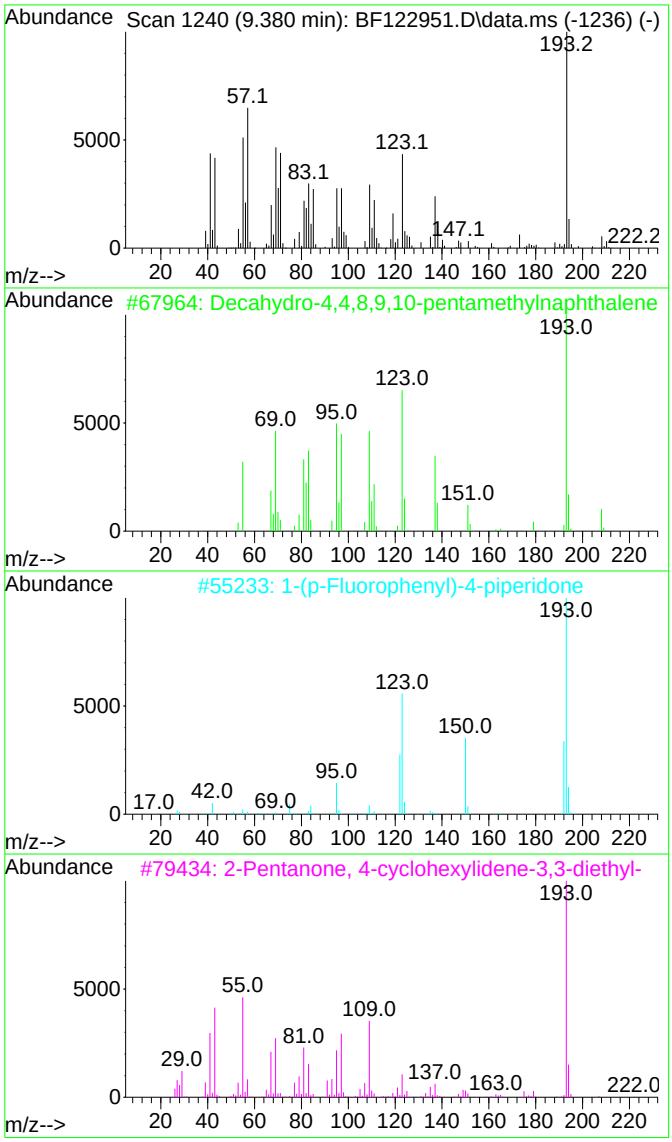
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

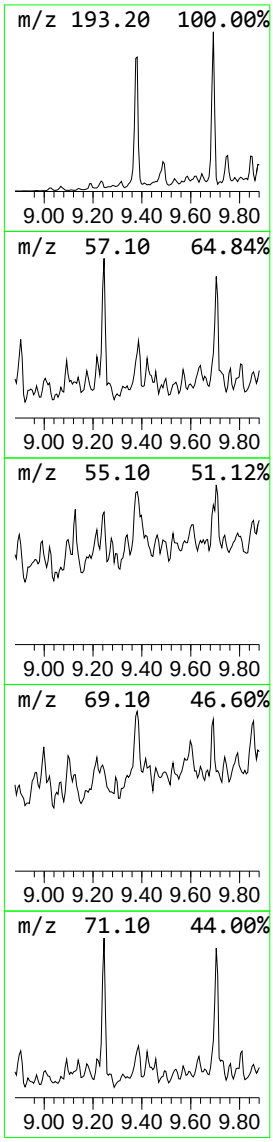
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Decahydro-4,4,8,9,10-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.380	38.78 ng	4054130	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	22
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	22





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Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

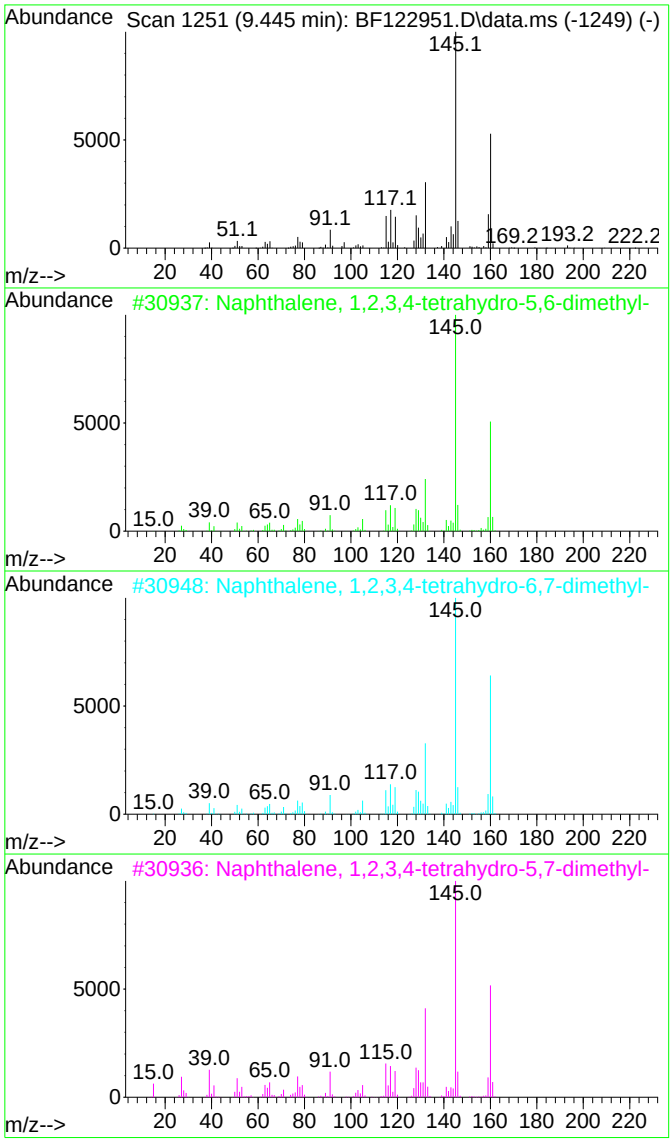
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

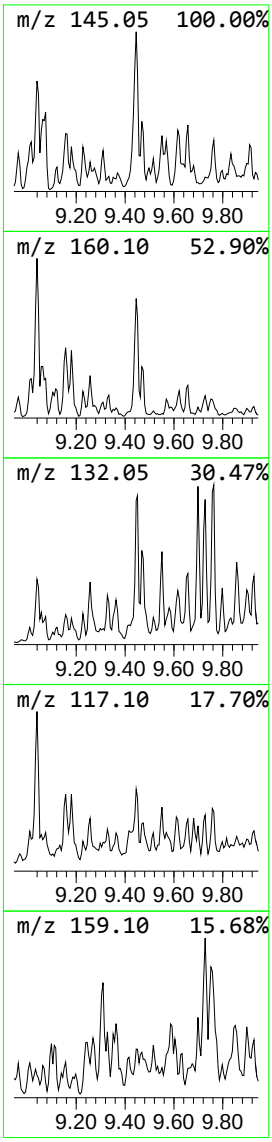
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	20.05 ng	2095610	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81





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Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

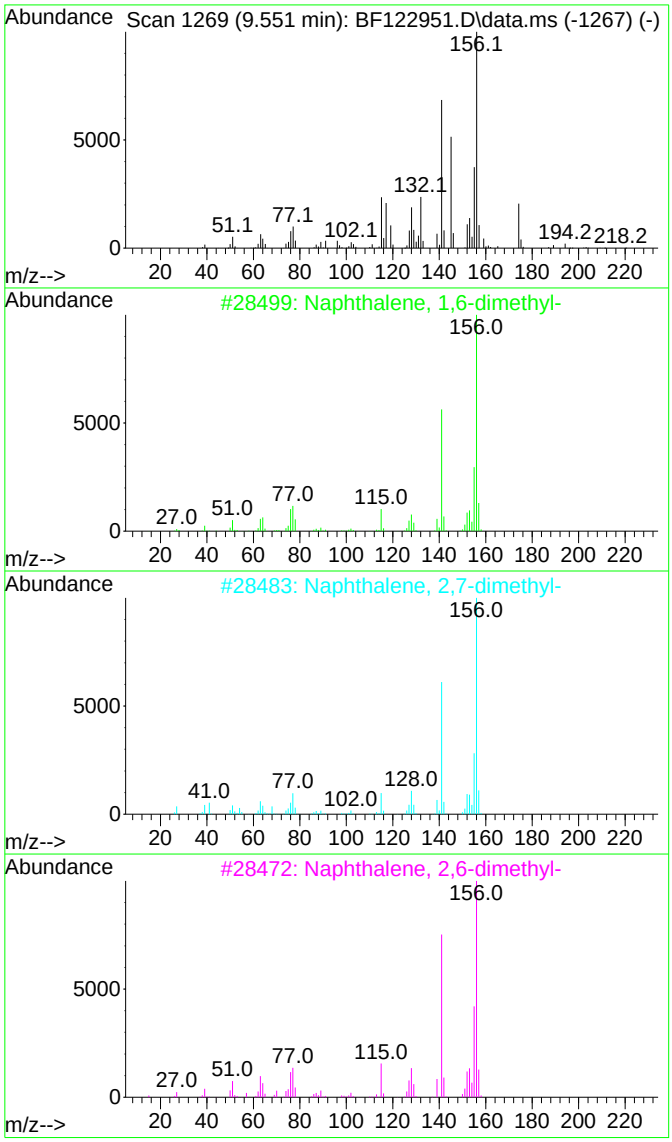
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

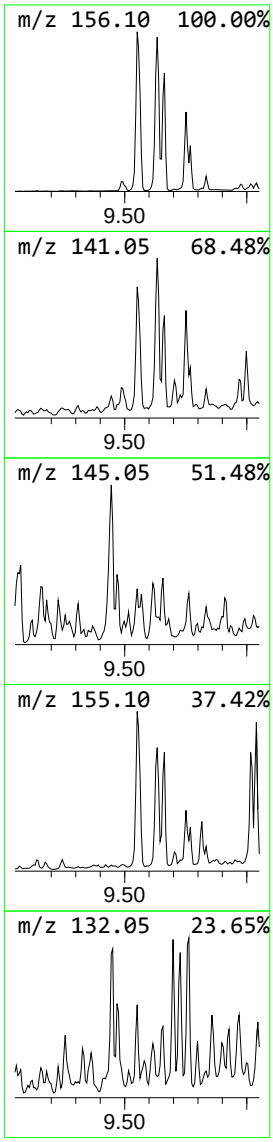
****

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	22.29 ng	2330440	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	89





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Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

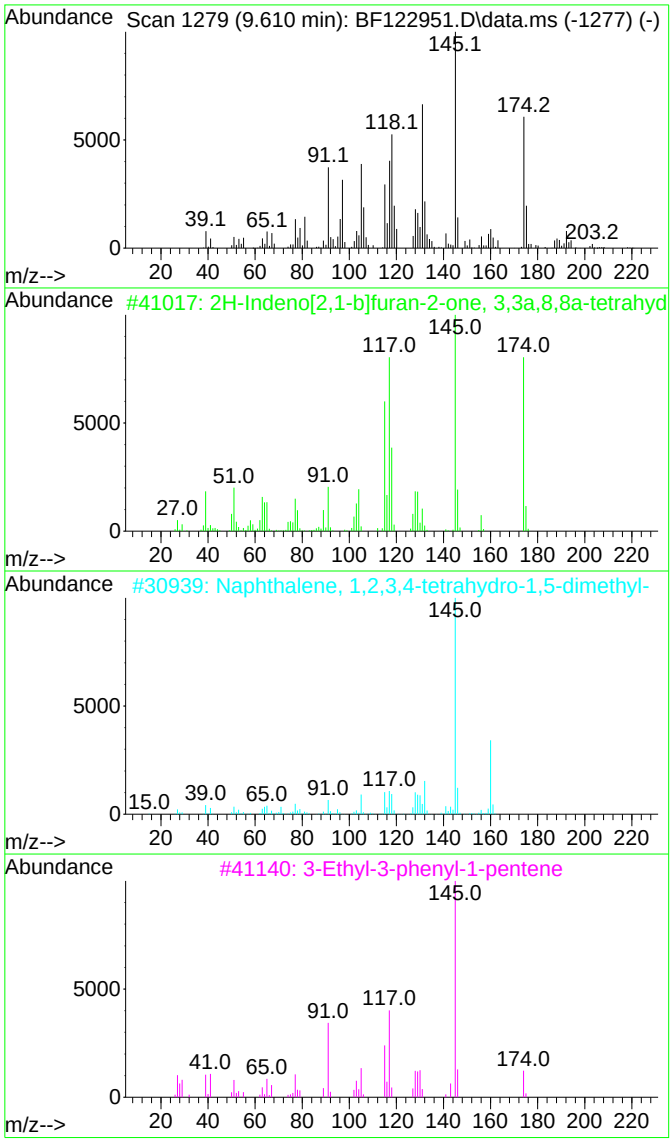
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

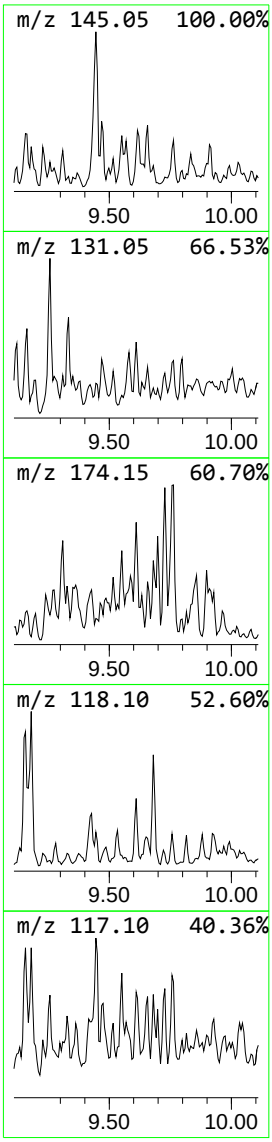
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2H-Indeno[2,1-b]furan-2-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	17.28 ng	1806950	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	55
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	50
3	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	45
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	43
5	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	38





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Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

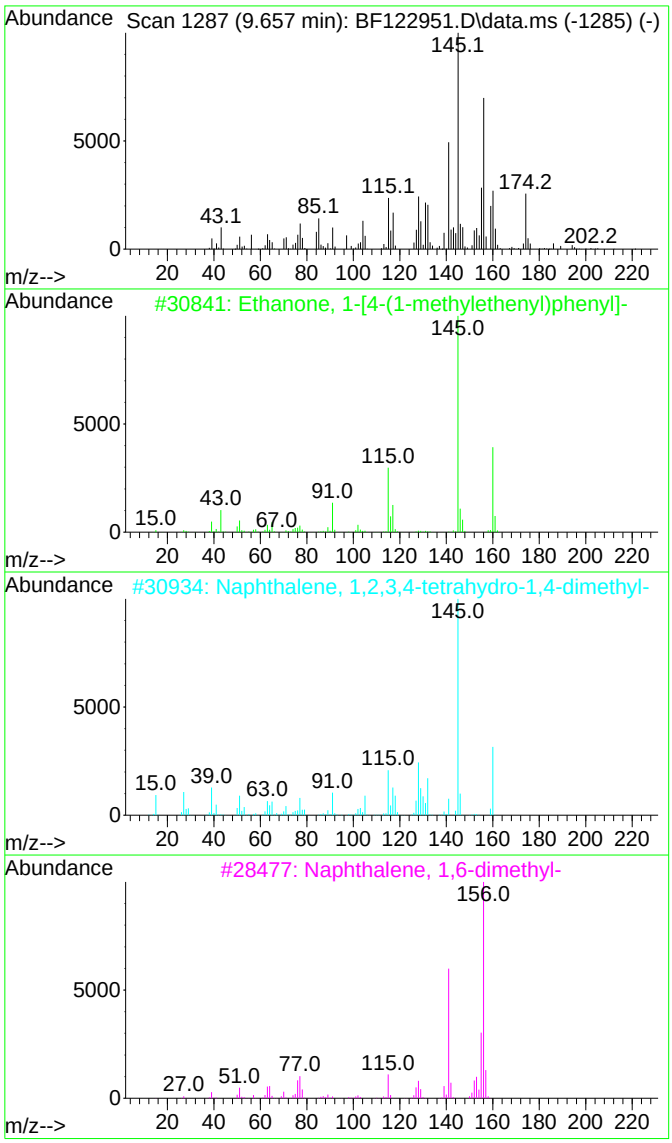
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

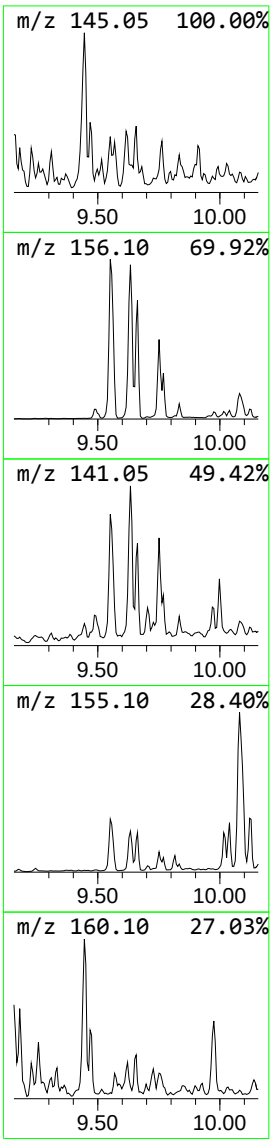
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Ethanone, 1-[4-(1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	18.72 ng	1956750	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	38
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	38





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Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

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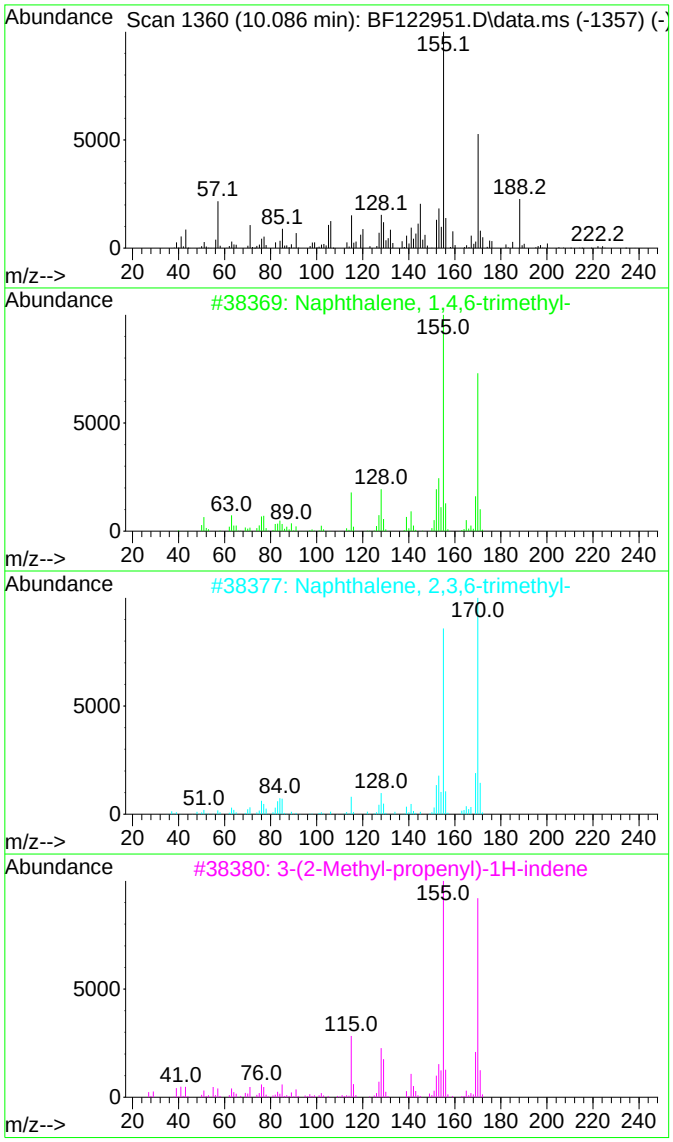
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

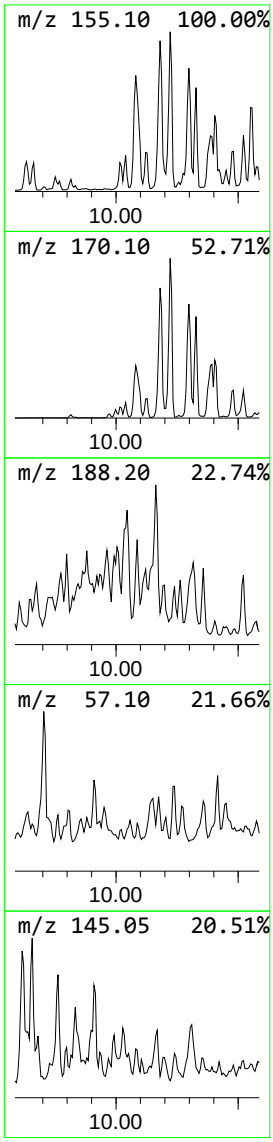
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.086	20.00 ng	2090810	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
5	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	78





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Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

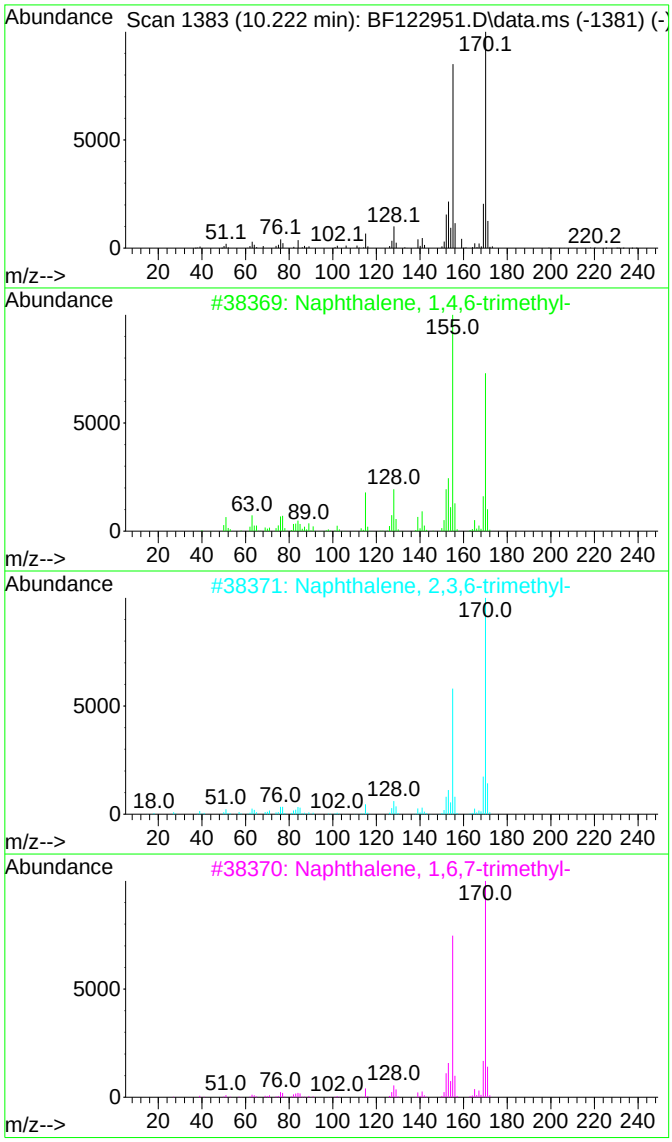
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

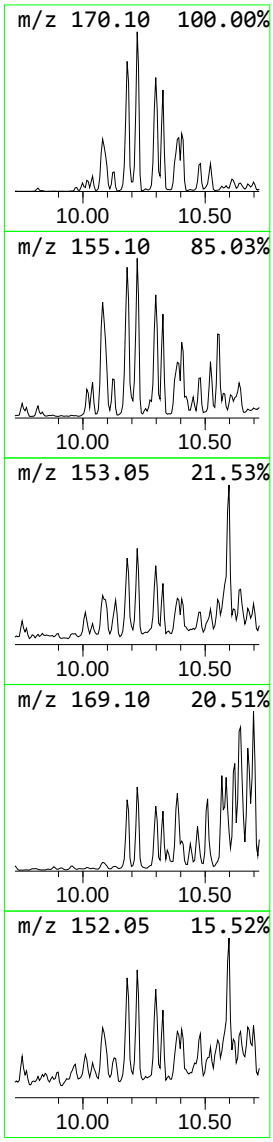
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	27.56 ng	2881390	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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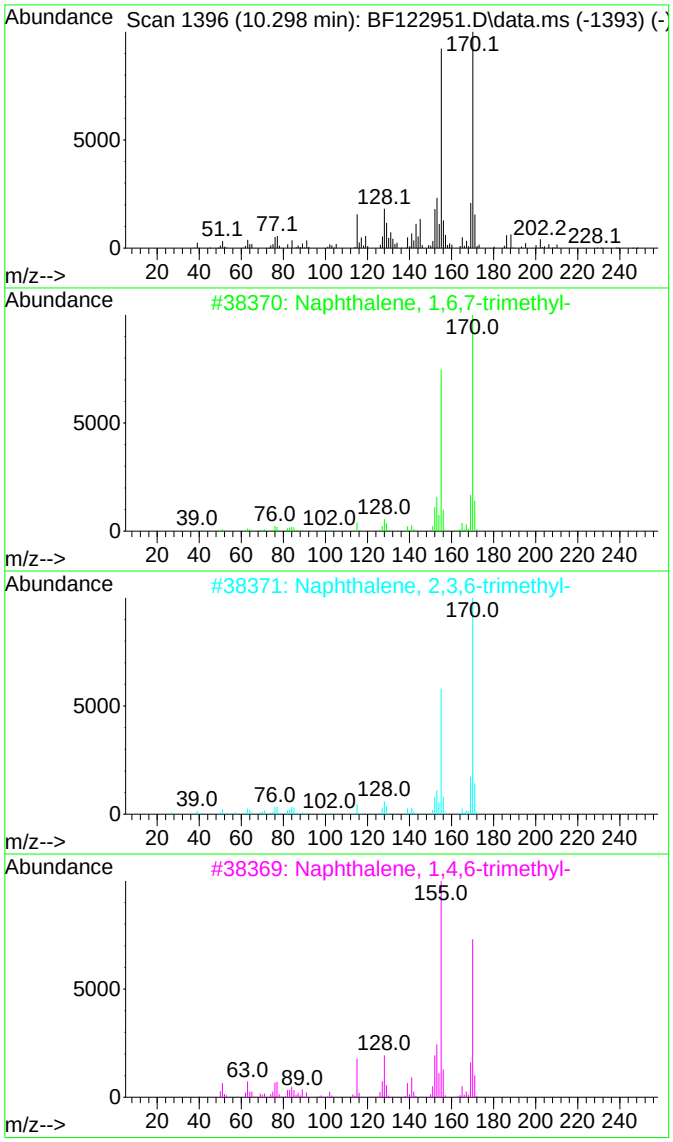
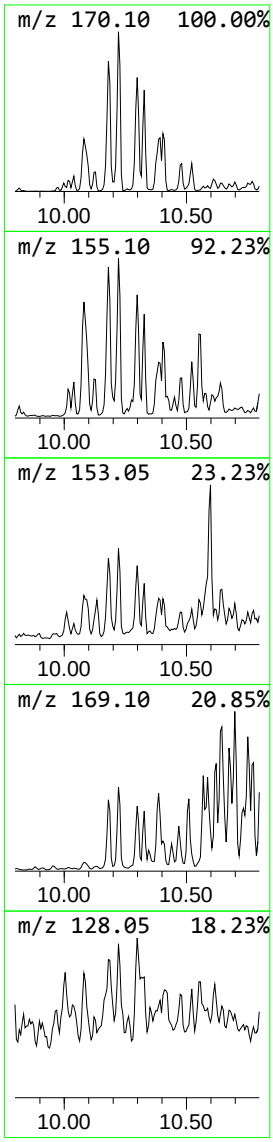
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	30.42 ng	3179950	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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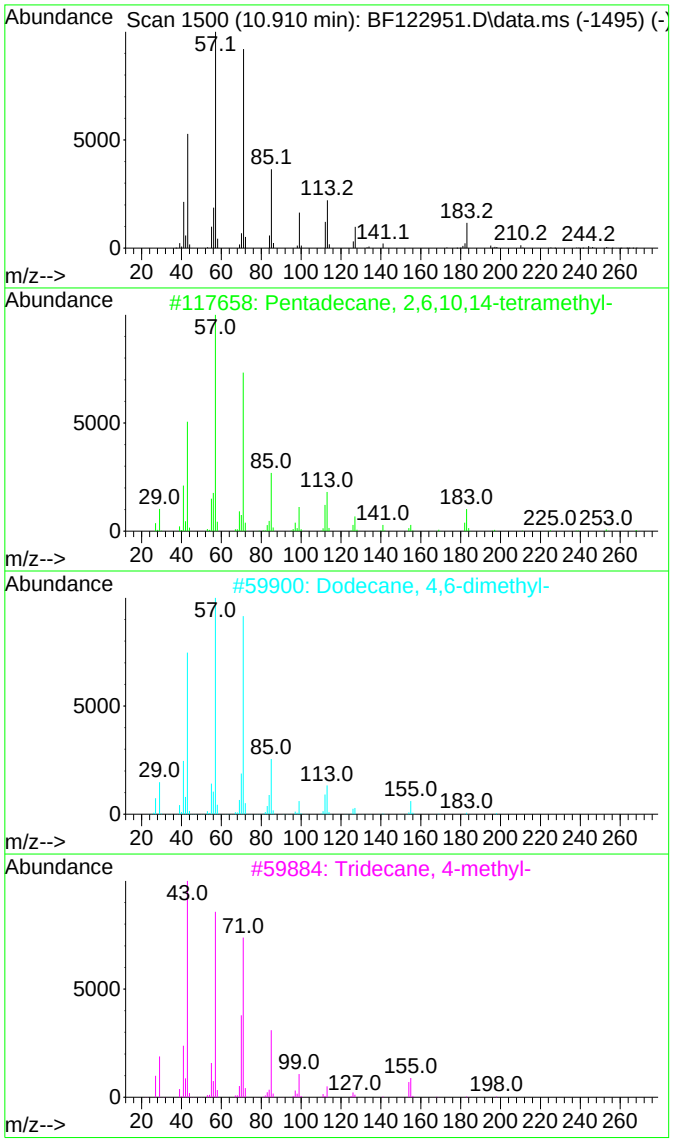
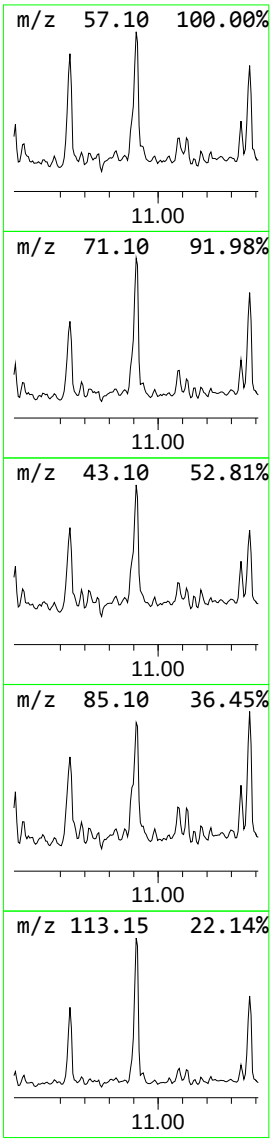
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	20.00 ng	5525300	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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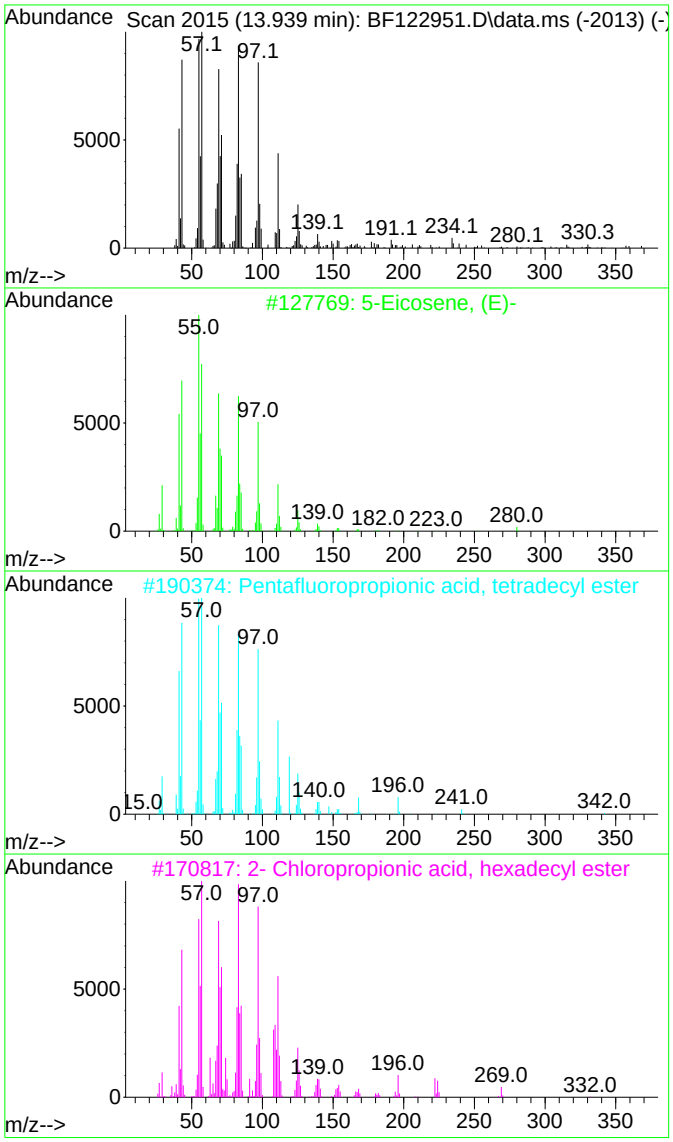
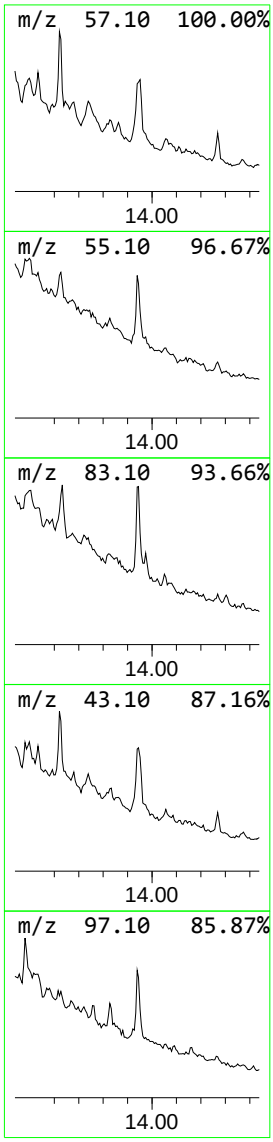
Peak Number 20 5-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	18.33 ng	1223580	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122951.D
Acq On : 8 Jan 2021 20:35
Operator : JU/CG
Sample : L5246-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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
unknown7.569	7.569	9.9	ng	1623960	2	8.204	3284350	20.0
trans-Decalin, ...	7.851	11.3	ng	1861620	2	8.204	3284350	20.0
Undecane, 2,6-d...	8.269	19.8	ng	3249950	2	8.204	3284350	20.0
Benzene, 1-ethy...	8.298	11.5	ng	1890360	2	8.204	3284350	20.0
Naphthalene, 1,...	8.404	11.0	ng	1806850	2	8.204	3284350	20.0
unknown8.504	8.504	20.0	ng	3290060	2	8.204	3284350	20.0
Naphthalene, 1,...	8.716	18.8	ng	3093150	2	8.204	3284350	20.0
unknown8.757	8.757	10.7	ng	1752680	2	8.204	3284350	20.0
Naphthalene, 1,...	8.810	14.4	ng	2371140	2	8.204	3284350	20.0
unknown9.157	9.157	12.7	ng	1332260	3	9.975	2090810	20.0
Decahydro-4,4,8...	9.380	38.8	ng	4054130	3	9.975	2090810	20.0
Naphthalene, 1,...	9.445	20.1	ng	2095610	3	9.975	2090810	20.0
Naphthalene, 1,...	9.551	22.3	ng	2330440	3	9.975	2090810	20.0
2H-Indeno[2,1-b...	9.610	17.3	ng	1806950	3	9.975	2090810	20.0
Ethanone, 1-[4-...	9.657	18.7	ng	1956750	3	9.975	2090810	20.0
Naphthalene, 1,...	10.086	20.0	ng	2090810	3	9.975	2090810	20.0
Naphthalene, 2,...	10.222	27.6	ng	2881390	3	9.975	2090810	20.0
Naphthalene, 1,...	10.298	30.4	ng	3179950	3	9.975	2090810	20.0
Pentadecane, 2,...	10.910	20.0	ng	5525300	4	11.469	5525300	20.0
5-Eicosene, (E)-	13.939	18.3	ng	1223580	5	14.104	1335130	20.0