LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	7	14	22	rBV	2572222	3376260	74.26%	3.432%
2	5.534	582	586	595	rBV	2426285	2123721	46.71%	2.159%
3	5.763	621	625	628	rBV2	81668	81721	1.80%	0.083%
4	5.963	653	659	663	rBV2	84611	85385	1.88%	0.087%
5	6.540	754	757	762	rVB	1372395	1307541	28.76%	1.329%
6	6.739	779	791	797	rBV2	224363	398306	8.76%	0.405%
7	6.916	815	821	824	rBV	1261326	1162289	25.56%	1.182%
8	6.969	827	830	832	rVB	210246	153279	3.37%	0.156%
9	7.057	841	845	848	rBV4	79062	96817	2.13%	0.098%
10	7.092	848	851	854	rVV	223812	182421	4.01%	0.185%
11	7.239	872	876	879	rBV2	98839	170931	3.76%	0.174%
12	7.310	884	888	890	rBV3	174731	213010	4.69%	0.217%
13	7.339	890	893	897	rVB2	177729	230660	5.07%	0.234%
14	7.445	905	911	913	rBV2	353020	473133	10.41%	0.481%
15	7.481	913	917	924	rVB	3197707	3175518	69.84%	3.228%
16	7.581	925	934	935	rBV6	229429	500871	11.02%	0.509%
17	7.598	935	937	940	rVB2	281665	250139	5.50%	0.254%
18	7.681	948	951	954	rBV3	389143	421375	9.27%	0.428%
19	7.710	954	956	963	rVB	344100	392542	8.63%	0.399%
20	7.792	966	970	972	rBV3	75957	105891	2.33%	0.108%
21	7.845	972	979	982	rBV3	593833	940772	20.69%	0.956%
22	7.928	986	993	996	rBV2	580627	1077987	23.71%	1.096%
23	7.963	996	999	1000	rBV2	191838	176178	3.87%	0.179%
24	7.998	1000	1005	1013	rVB9	333098	881334	19.38%	0.896%
25	8.063	1013	1016	1018	rBV2	241451	291106	6.40%	0.296%
26	8.181	1025	1036	1037	rBV6	1061124	2598086	57.14%	2.641%
27	8.198	1037	1039	1041	rVV	1774460	1524334	33.53%	1.550%
28	8.222	1041	1043	1045	rVV2	491261	486567	10.70%	0.495%
29	8.251	1045	1048	1051	rVB2	1080053	1193192	26.24%	1.213%
30	8.281	1051	1053	1055	rBV	296351	214867	4.73%	0.218%
31	8.351	1059	1065	1070	rBV4	900611	1684748	37.06%	1.713%
32	8.398	1070	1073	1075	rBV2	360374	461094	10.14%	0.469%
33	8.445	1078	1081	1084	rVV3	583239	810752	17.83%	0.824%
34	8.486	1086	1088	1091	rVV4	796525	757827	16.67%	0.770%
35	8.522	1091	1094	1095	rVV3	325597	334152	7.35%	0.340%
36	8.581	1101	1104	1106	rBV2	424263	388479	8.54%	0.395%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.610	1106	1109	1111	rBV2	916221	808265	17.78%	0.822%
38	8.663	1111	1118	1122	rBV5	1803063	3082073	67.79%	3.133%
39	8.816	1137	1144	1149	rBV7	877028	2322089	51.07%	2.361%
40	8.857	1149	1151	1155	rVB5	765504	719759	15.83%	0.732%
41	8.951	1163	1167	1172	rBV5	1006041	2382664	52.41%	2.422%
42	8.992	1172	1174	1176	rVV3	457181	451685	9.93%	0.459%
43	9.075	1185	1188	1190	rBV3	410454	462654	10.18%	0.470%
44	9.104	1190	1193	1197	rVV5	749282	972477	21.39%	0.989%
45	9.145	1197	1200	1205	rBV4	808357	1442201	31.72%	1.466%
46	9.216	1210	1212	1213	rBV	648525	575627	12.66%	0.585%
47	9.275	1218	1222	1226	rVB	4863709	4508843	99.17%	4.584%
48	9.316	1226	1229	1232	rVB3	614728	675856	14.87%	0.687%
49	9.351	1233	1235	1238	rBV3	681681	572238	12.59%	0.582%
50	9.398	1240	1243	1246	rBV4	821895	1125685	24.76%	1.144%
51	9.463	1249	1254	1257	rBV5	796076	1423469	31.31%	1.447%
52	9.610	1274	1279	1280	rBV4	1574253	2002504	44.04%	2.036%
53	9.628	1280	1282	1286	rVV3	2013845	2603124	57.25%	2.646%
54	9.669	1286	1289	1292	rVB3	2269428	2484046	54.64%	2.525%
55	9.716	1292	1297	1299	rBV4	739981	1239943	27.27%	1.260%
56	9.863	1320	1322	1325	rVB2	1574996	1346137	29.61%	1.368%
57	9.922	1329	1332	1333	rVV2	1028303	936684	20.60%	0.952%
58	9.963	1335	1339	1346	rVB3	3228130	4546574	100.00%	4.622%
59	10.045	1348	1353	1358	rVB3	2241918	3431422	75.47%	3.488%
60	10.128	1364	1367	1371	rBV4	1526293	2377845	52.30%	2.417%
61	10.275	1389	1392	1396	rBV2	2293920	2993245	65.84%	3.043%
62	10.351	1402	1405	1409	rVB4	1426007	2165587	47.63%	2.201%
63	10.504	1429	1431	1434	rVV2	915367	712709	15.68%	0.725%
64	10.533	1434	1436	1439	rVB3	812858	803618	17.68%	0.817%
65	10.598	1445	1447	1452	rVB2	2145755	2260435	49.72%	2.298%
66	10.763	1470	1475	1477	rBV2	2513797	3137483	69.01%	3.189%
67	10.869	1490	1493	1499	rVB2	2795848	3071073	67.55%	3.122%
68	10.945	1503	1506	1509	rBV3	884501	1145524	25.20%	1.165%
69	11.333	1569	1572	1578	rVB2	1586164	1707609	37.56%	1.736%
70	11.451	1590	1592	1597	rVB	1364491	1367443	30.08%	1.390%
71	11.574	1610	1613	1619	rVB	2103380	2094200	46.06%	2.129%
72	13.033	1858	1861	1866	rVB	3537520	3434557	75.54%	3.491%
73	14.092	2038	2041	2045	rVB	1303584	1089370	23.96%	1.107%
74	15.592	2292	2296	2303	rVB	889592	1169546	25.72%	1.189%

Sum of corrected areas: 98369548

Instrument :
BNA_F
ClientSampleId :
FA4-9

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
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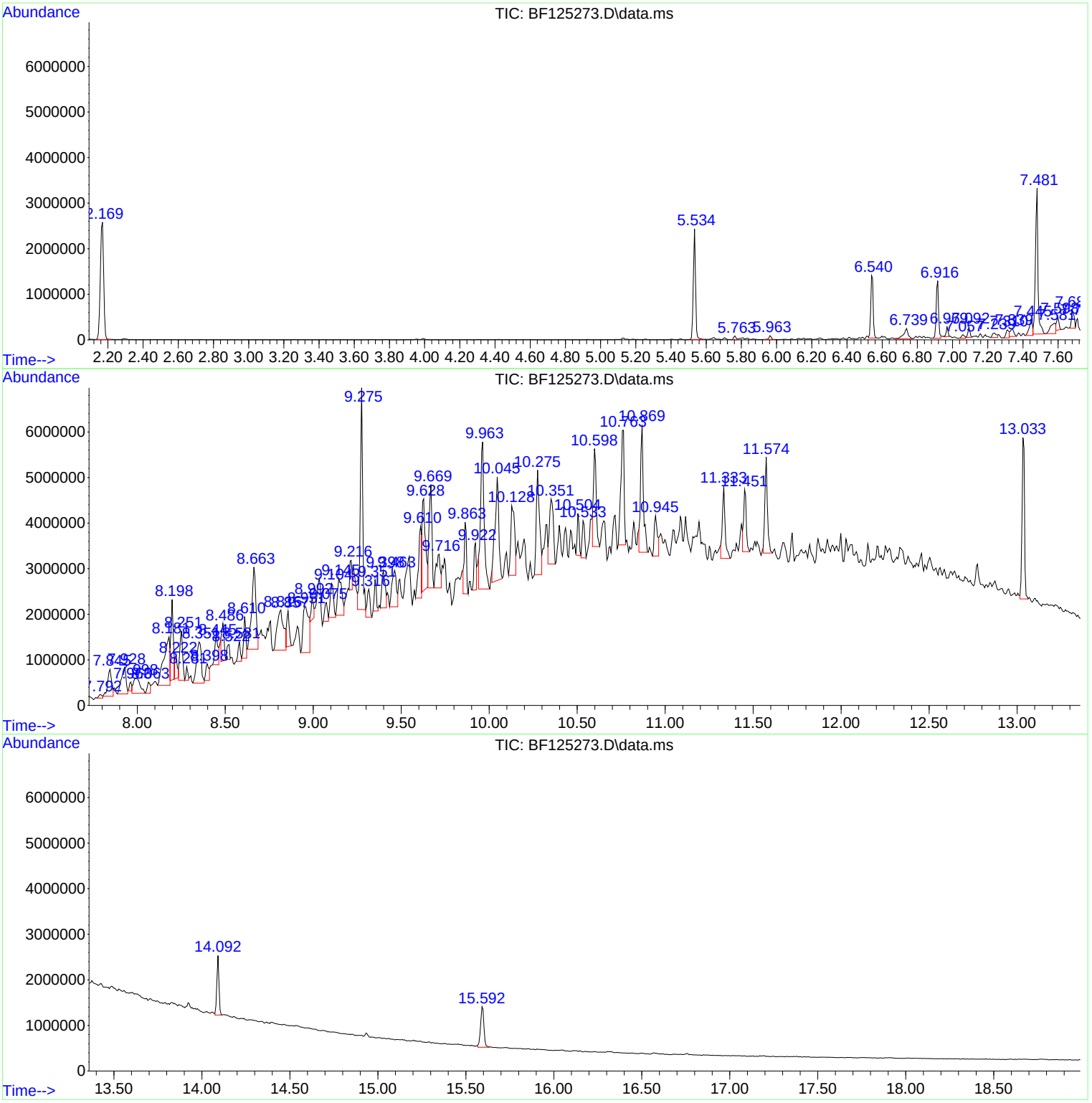
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FA4-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
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Instrument : BNA_F
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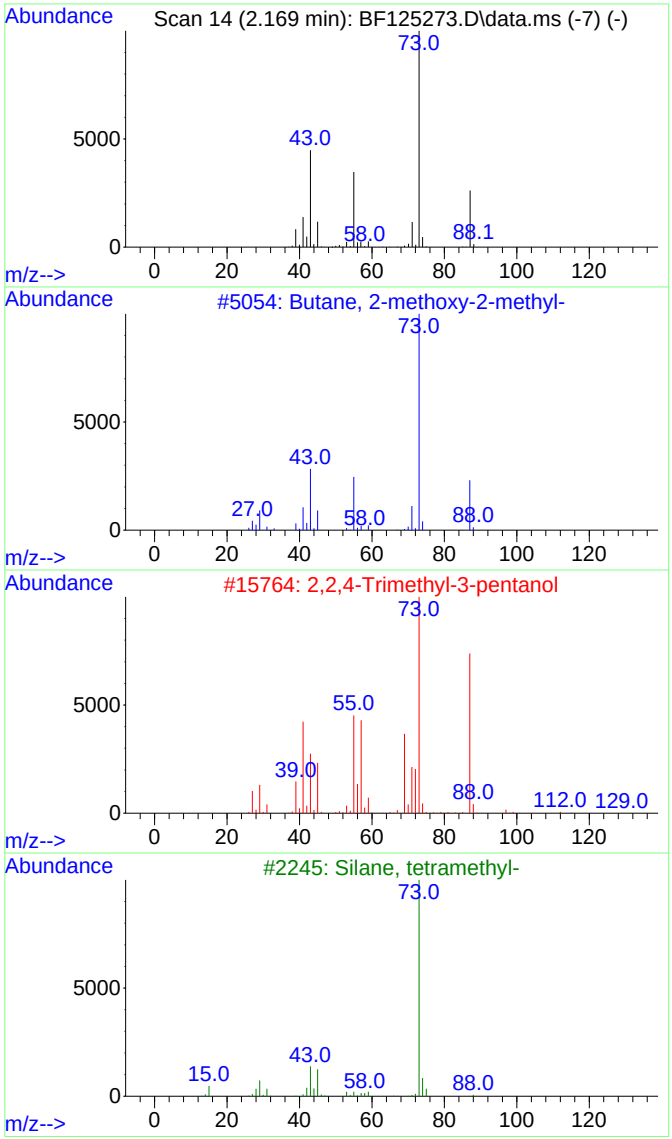
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

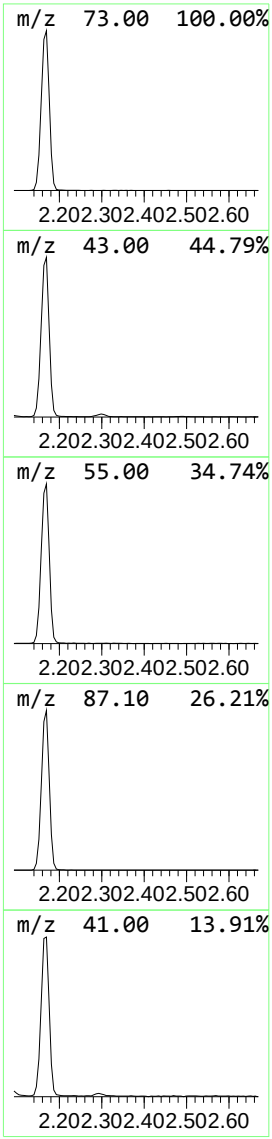
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	58.10 ng	3376260	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

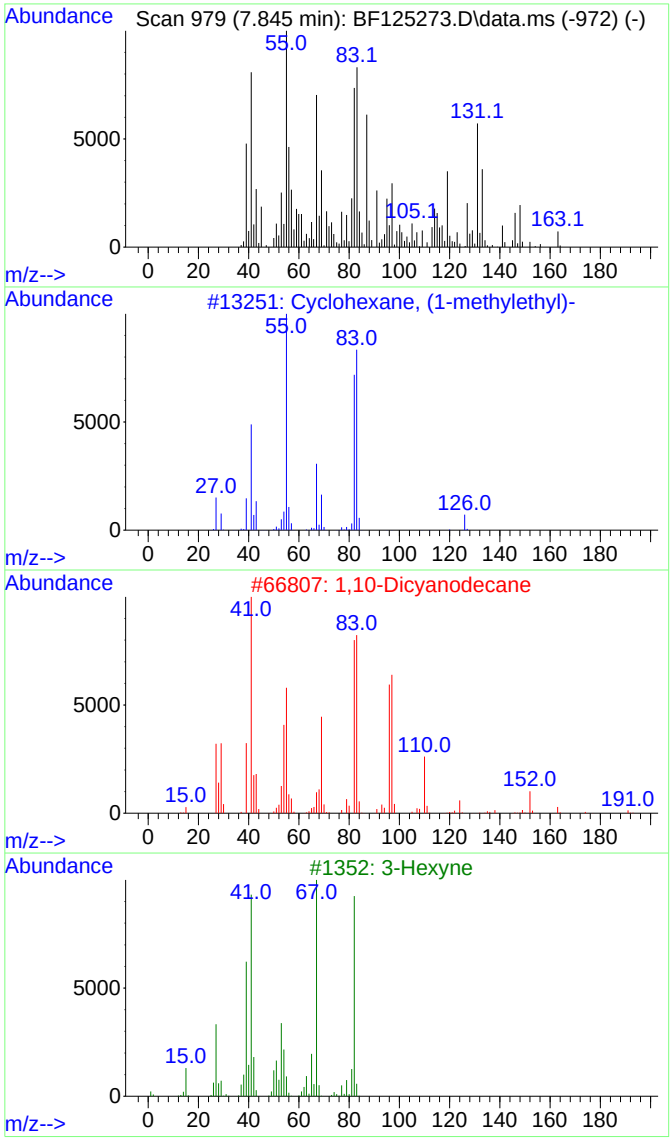
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

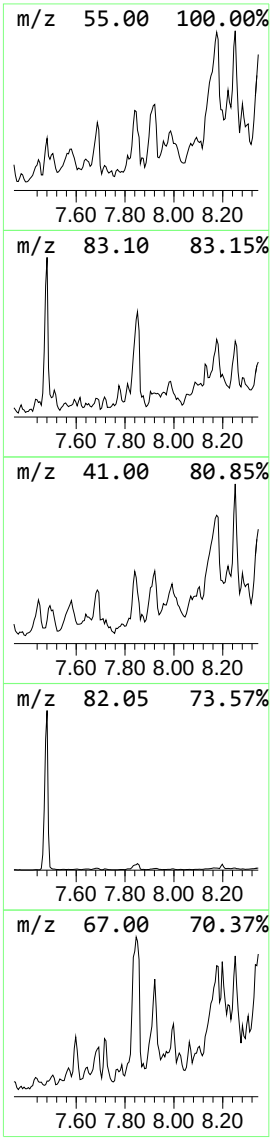
****

Peak Number 2 unknown7.845 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	12.34 ng	940772	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
2	1,10-Dicyanodecane	192	C12H20N2	004543-66-2	27
3	3-Hexyne	82	C6H10	000928-49-4	25
4	3-Hexen-1-ol, 5-methyl-, formate...	142	C8H14O2	1000132-12-4	18
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

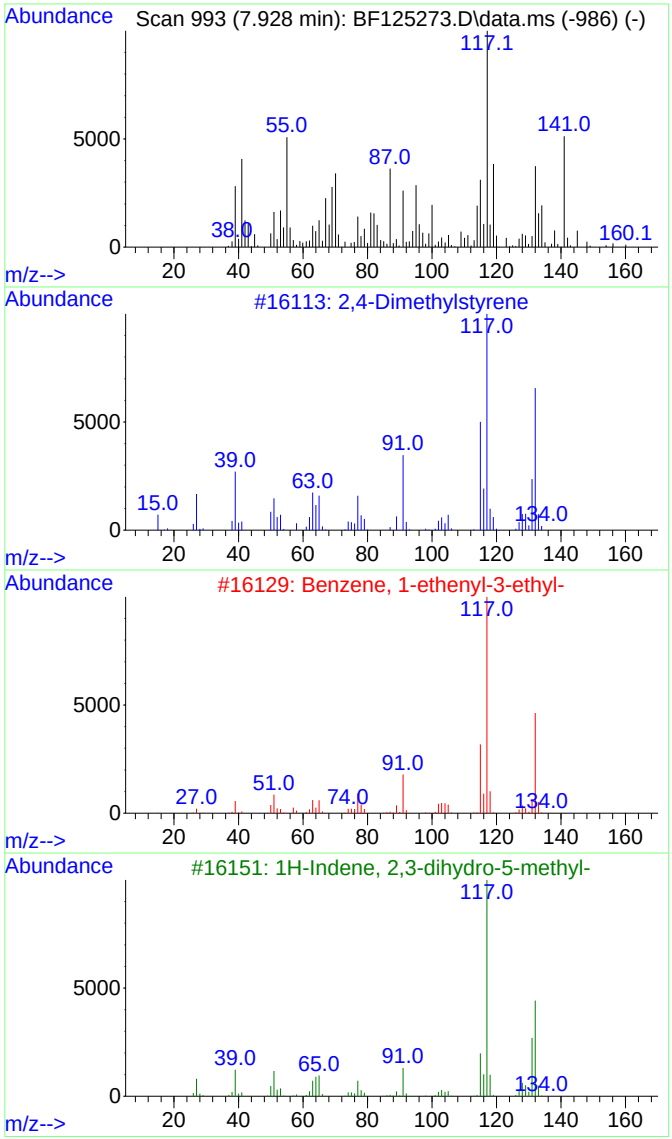
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

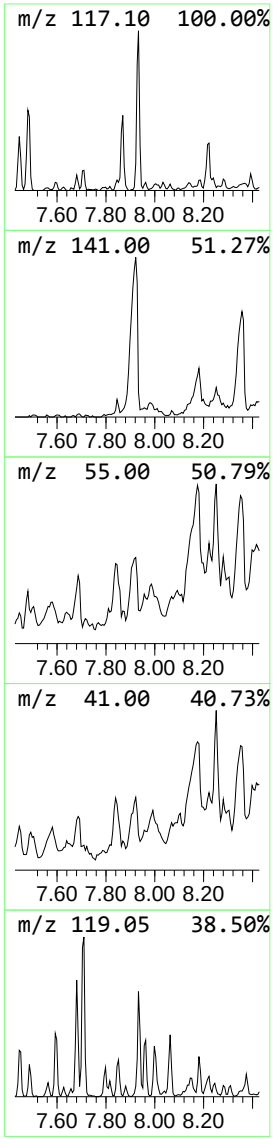
****

Peak Number 3 unknown7.928 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.928	14.14 ng	1077990	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	44
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	38
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	38
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

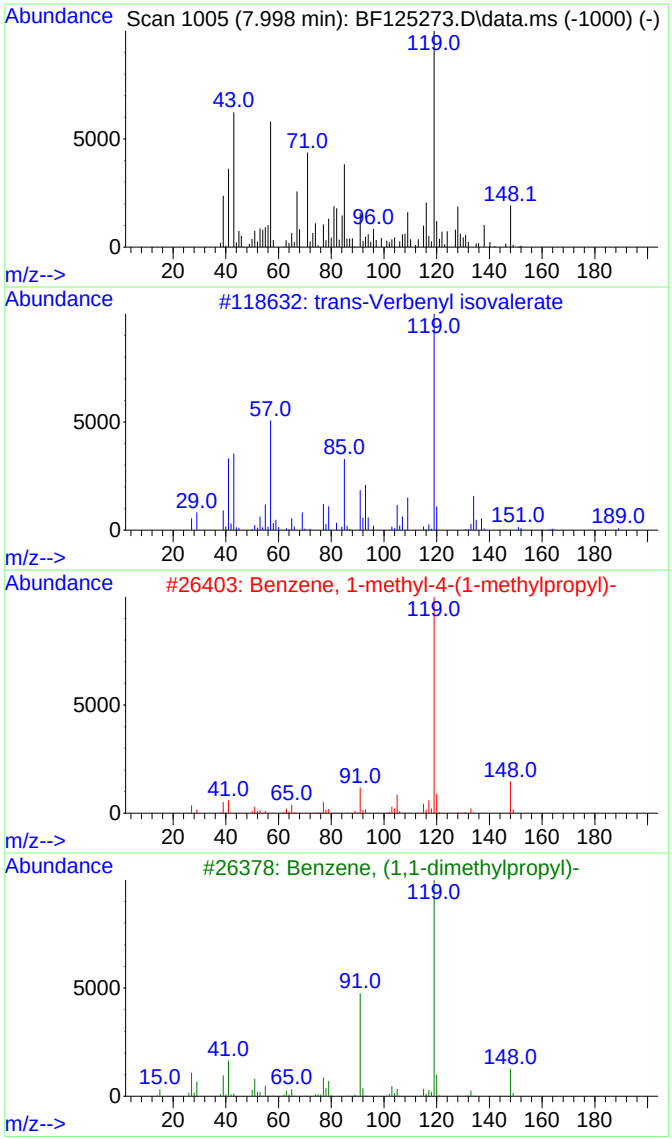
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

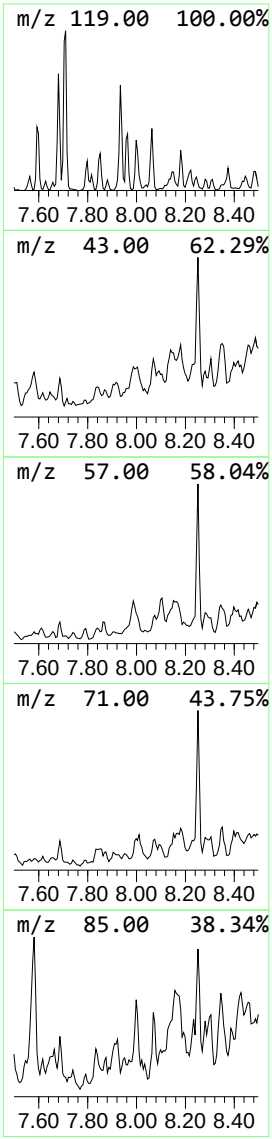
****

Peak Number 4 unknown7.998 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.998	11.56 ng	881334	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Verbenyl isovalerate	236	C15H24O2	057412-35-8	43
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	27
4	Benzene, isocyanato-	119	C7H5NO	000103-71-9	25
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

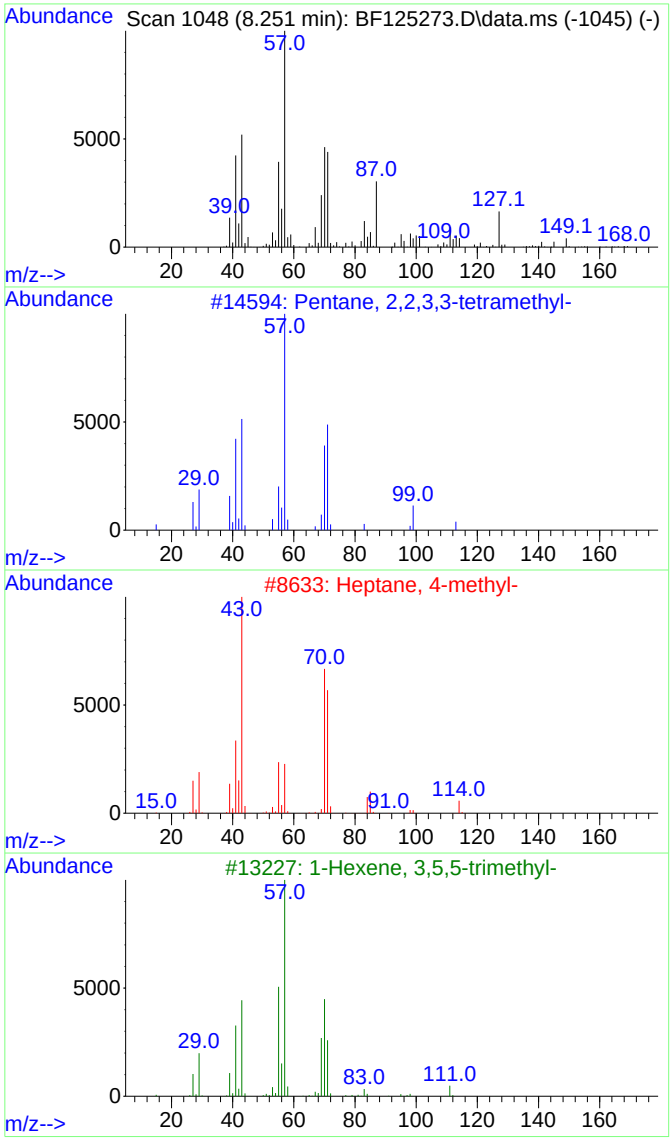
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

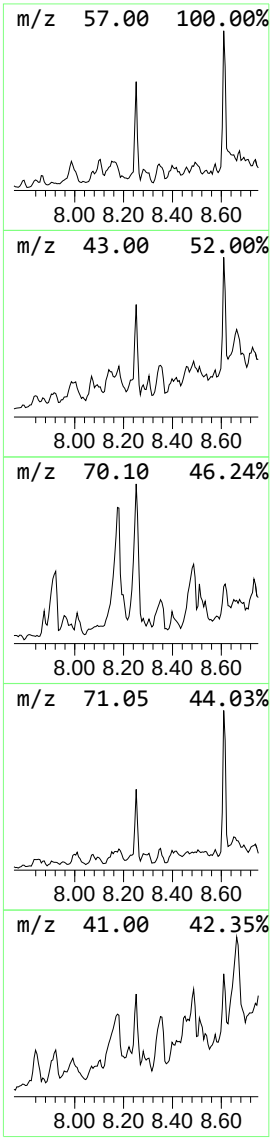
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,2,3,3-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	15.66 ng	1193190	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	49
3	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	43
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
5	Diisoamyl ether	158	C10H22O	000544-01-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

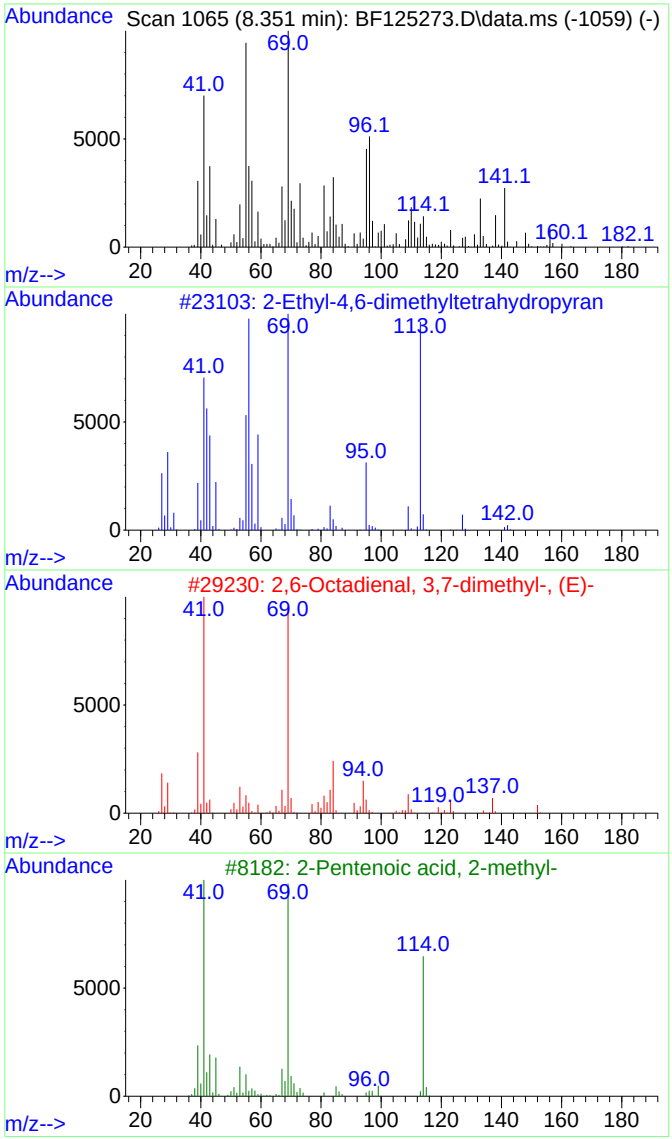
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

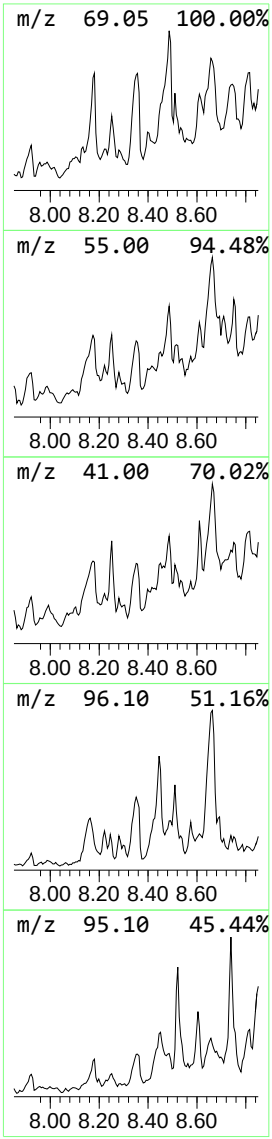
****

Peak Number 6 unknown8.351 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	22.10 ng	1684750	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-4,6-dimethyltetrahydropyran	142	C9H18O	1000210-77-5	43
2	2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	27
3	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	25
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25
5	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FA4-9

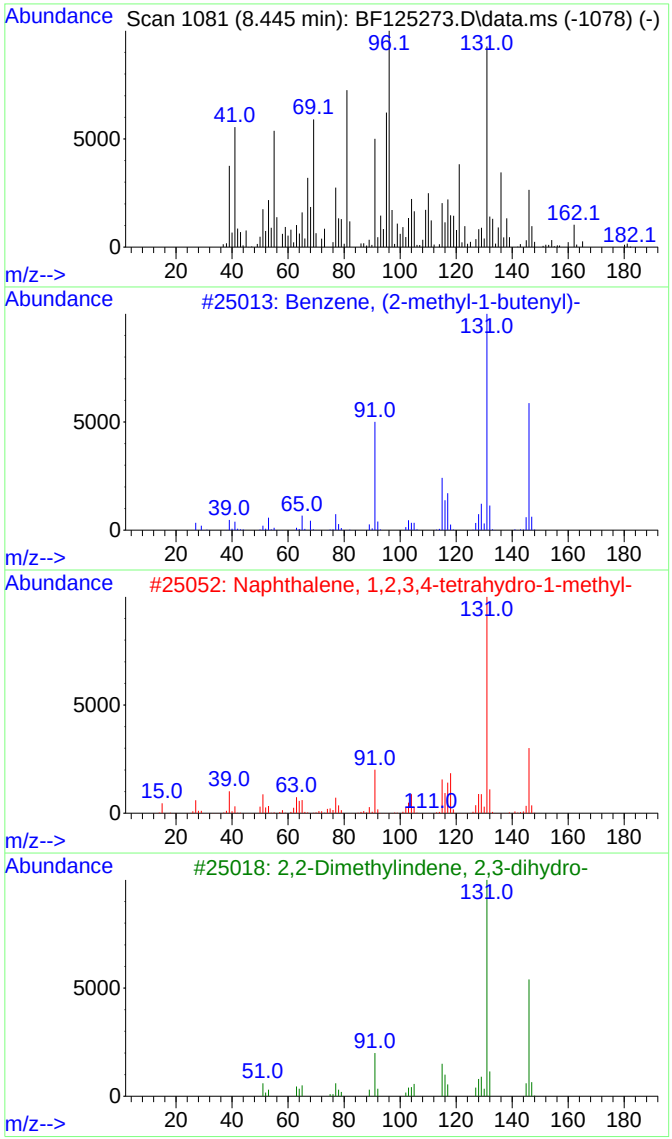
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

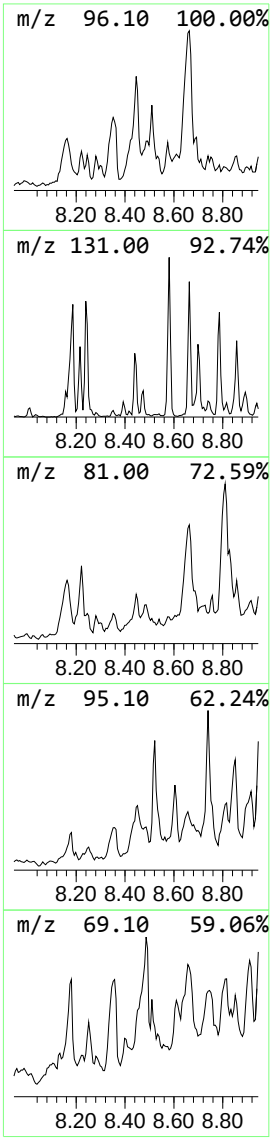
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	10.64 ng	810752	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38
4	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	38
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	35





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Operator : JU/CG
Sample : M3561-18
Misc :
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Instrument : BNA_F
ClientSampleId : FA4-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

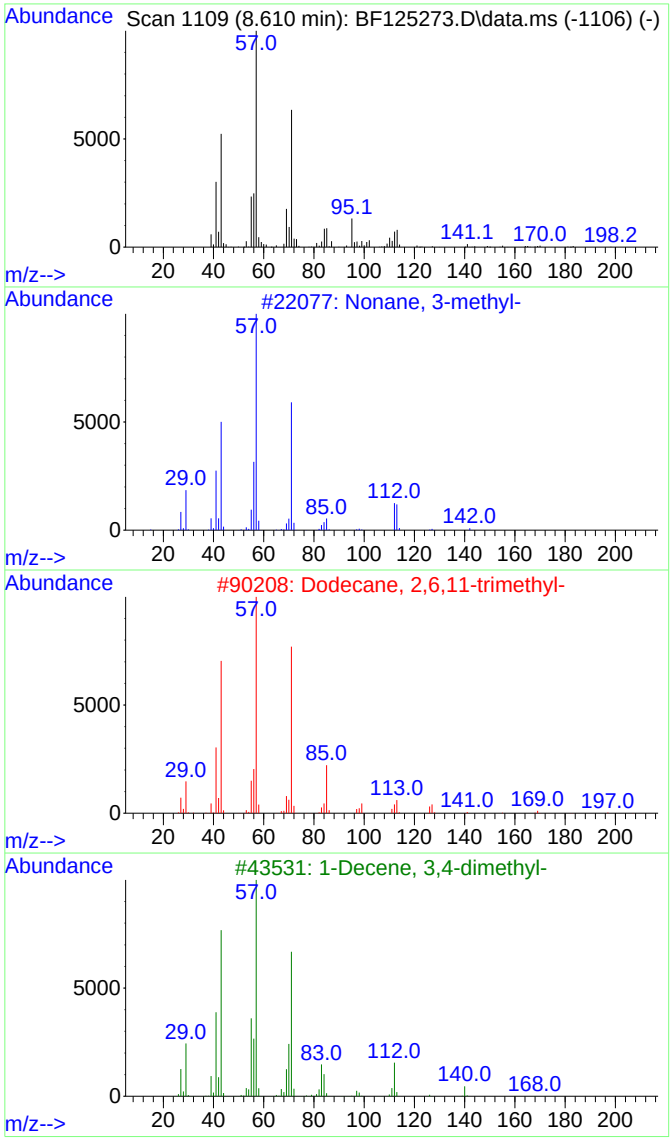
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

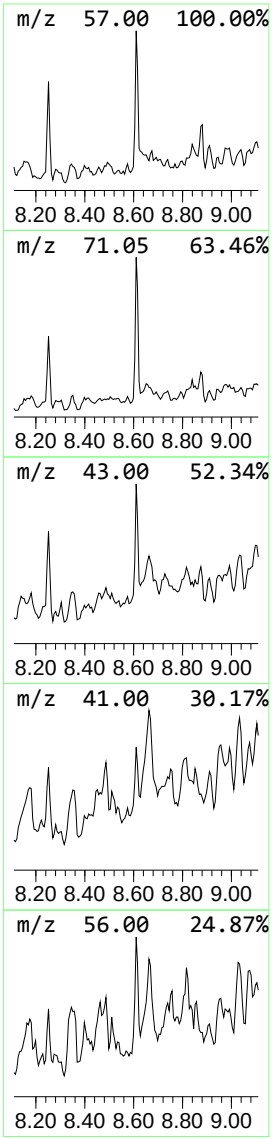
****

Peak Number 8 Nonane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	10.60 ng	808265	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53





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ClientSampleId :
FA4-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

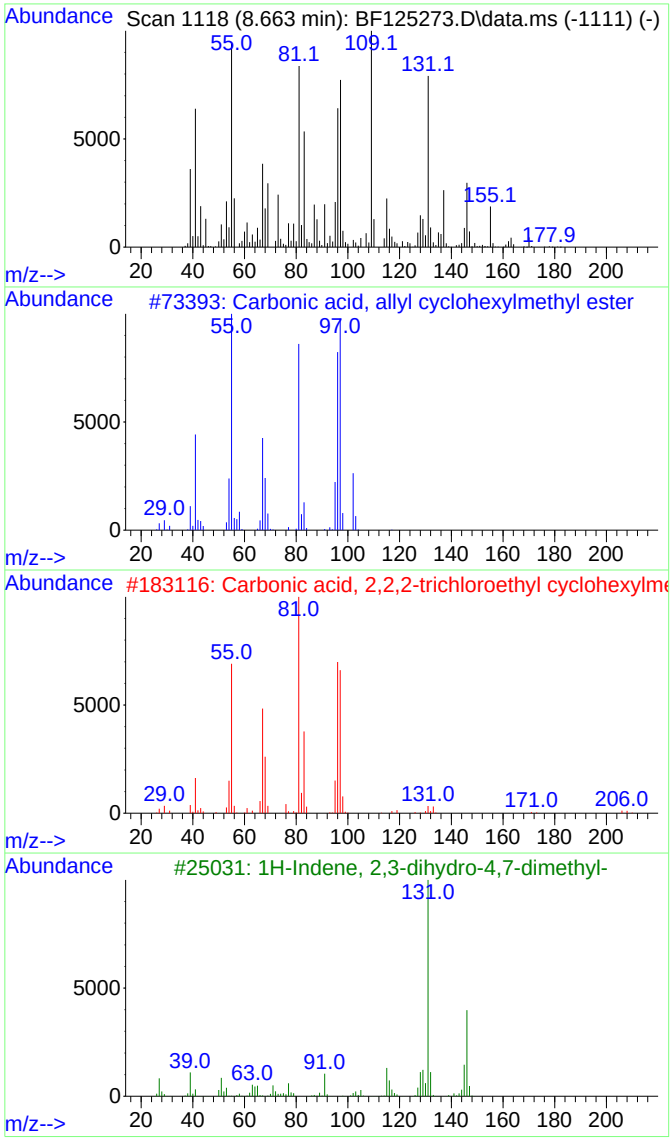
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

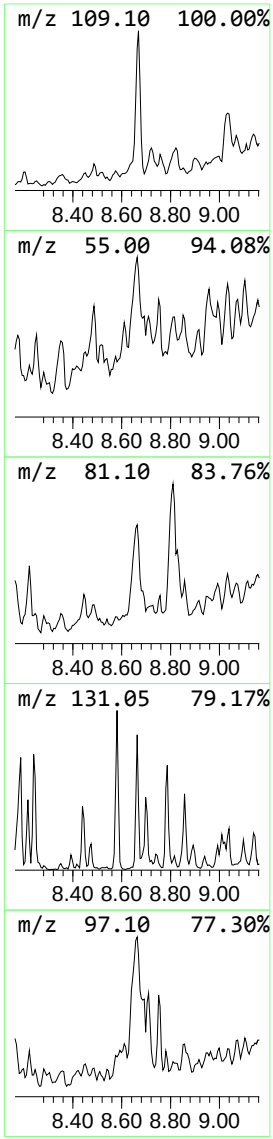
****

Peak Number 9 unknown8.663 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	40.44 ng	3082070	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	35
2	Carbonic acid, 2,2,2-trichloroet...	288	C10H15Cl3O3	1000357-89-8	27
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	25
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	25
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	25





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Instrument : BNA_F
ClientSampleId : FA4-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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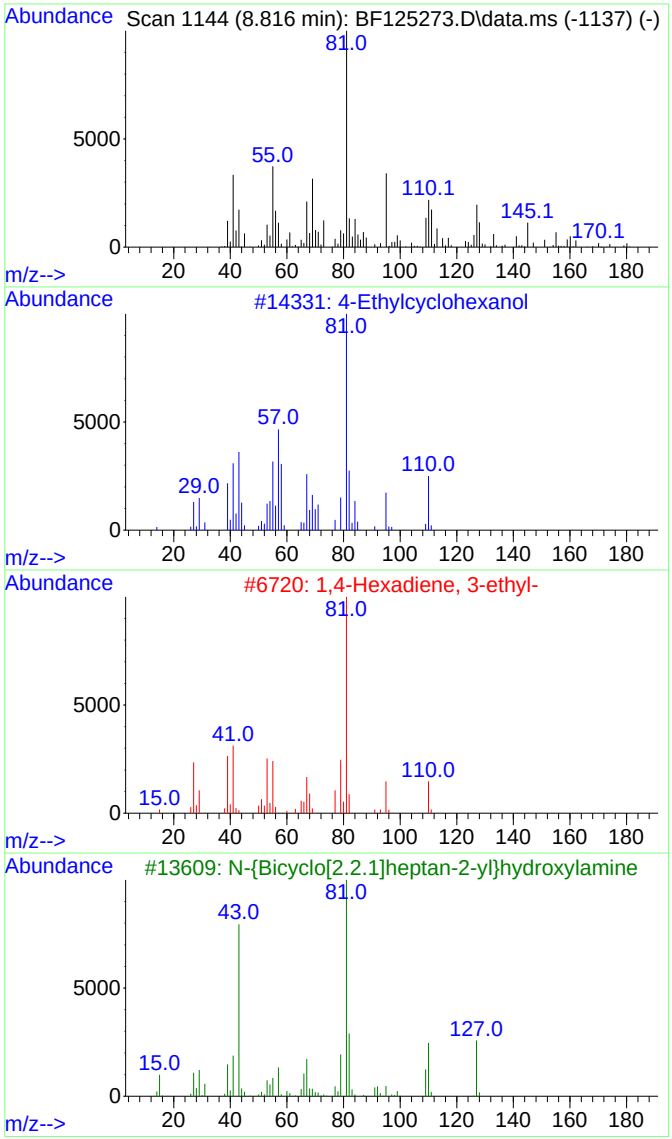
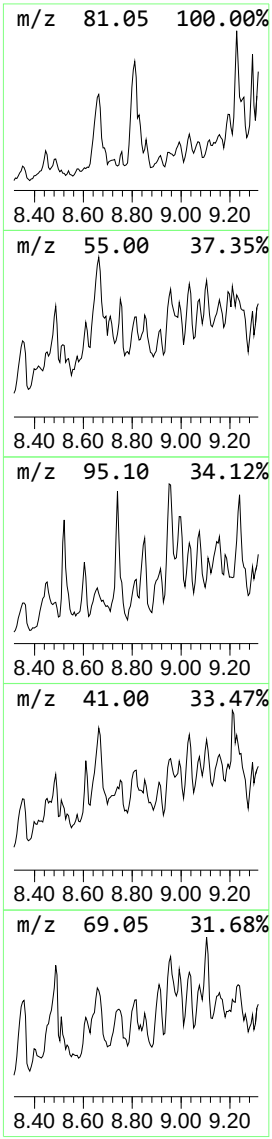
Peak Number 10 unknown8.816 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.816	30.47 ng	2322090	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	47
2	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	43
3	N-{Bicyclo[2.2.1]heptan-2-yl}hyd...	127	C7H13NO	1000443-27-8	42
4	Cyclohexanecarboxylic acid, 4-me...	268	C16H28O3	1000406-99-1	38
5	1-Tetradecyne	194	C14H26	000765-10-6	38





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Sample : M3561-18
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Instrument : BNA_F
ClientSampleId : FA4-9

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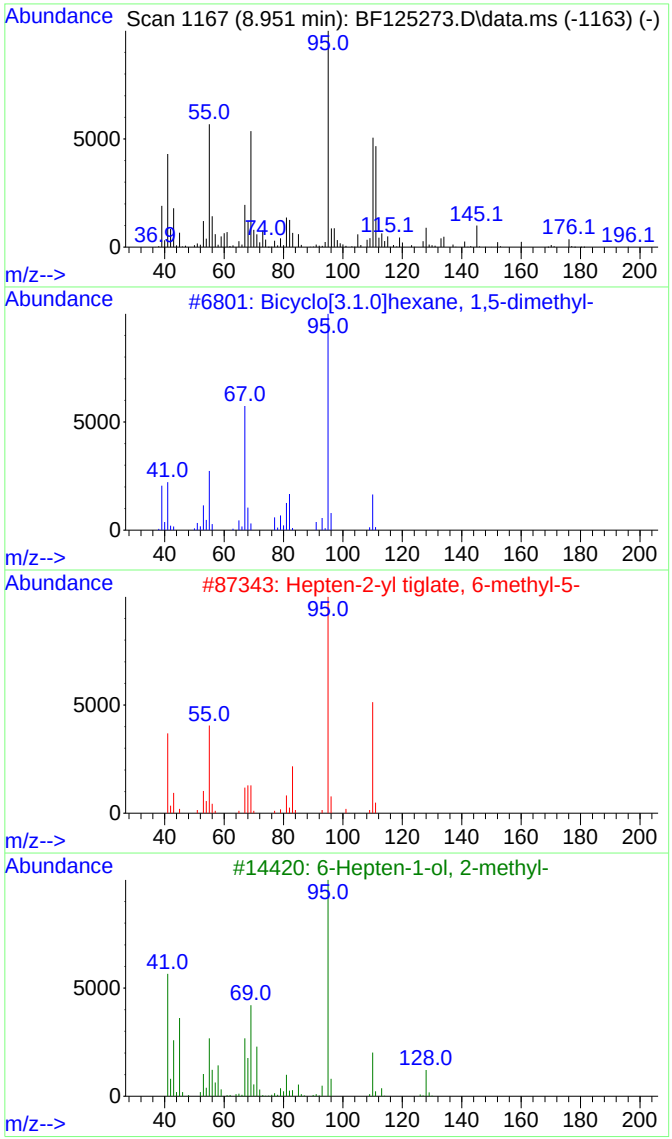
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

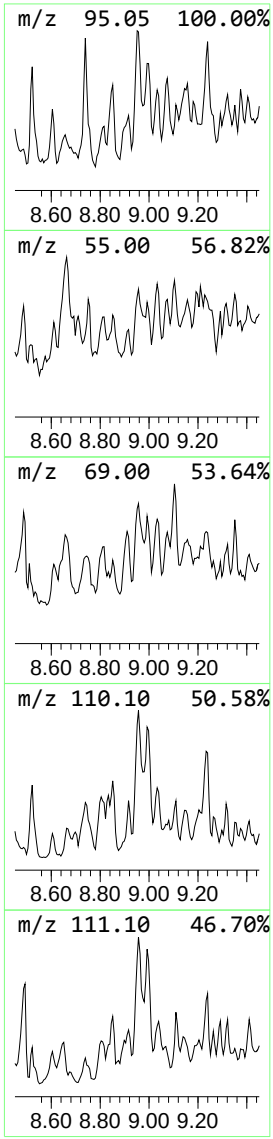
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.951	31.26 ng	2382660	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	50
2	Hepten-2-yl tiglate, 6-methyl-5-	210	C13H22O2	1000383-64-5	47
3	6-Hepten-1-ol, 2-methyl-	128	C8H16O	1000132-12-0	45
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43
5	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	43





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Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

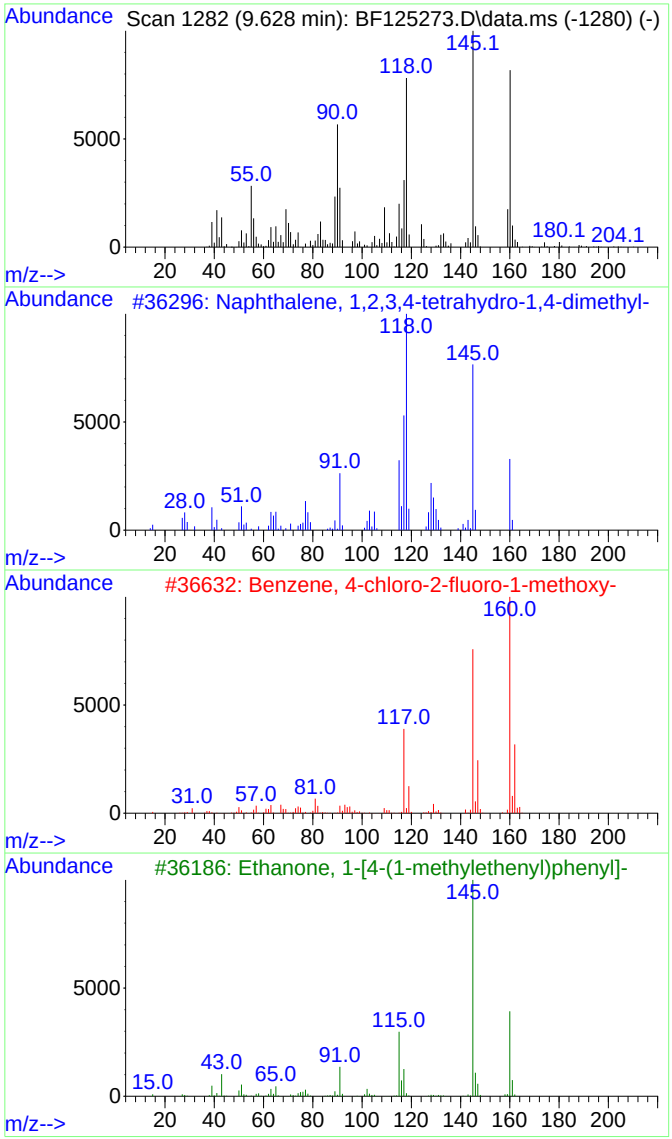
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

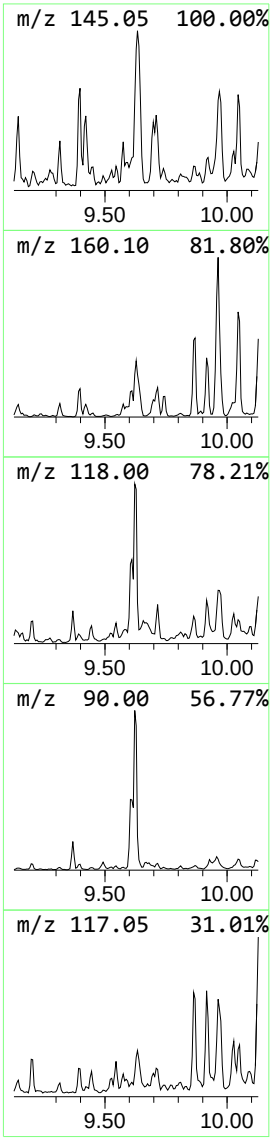
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	11.45 ng	2603120	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
2	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	46
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	43
4	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	38
5	Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	38





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Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

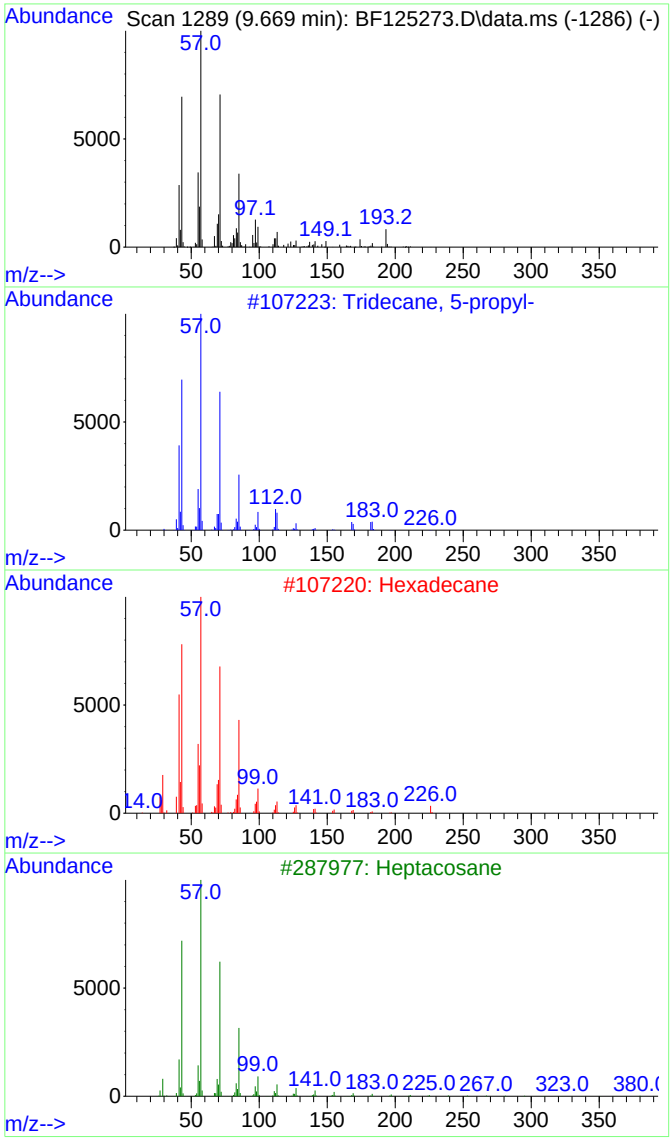
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

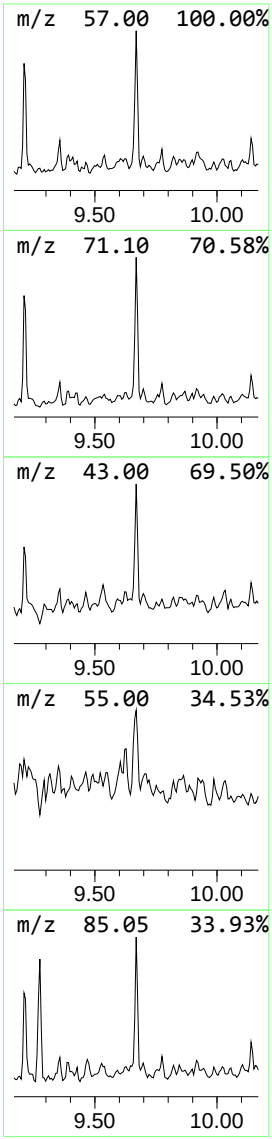
****

Peak Number 13 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	10.93 ng	2484050	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

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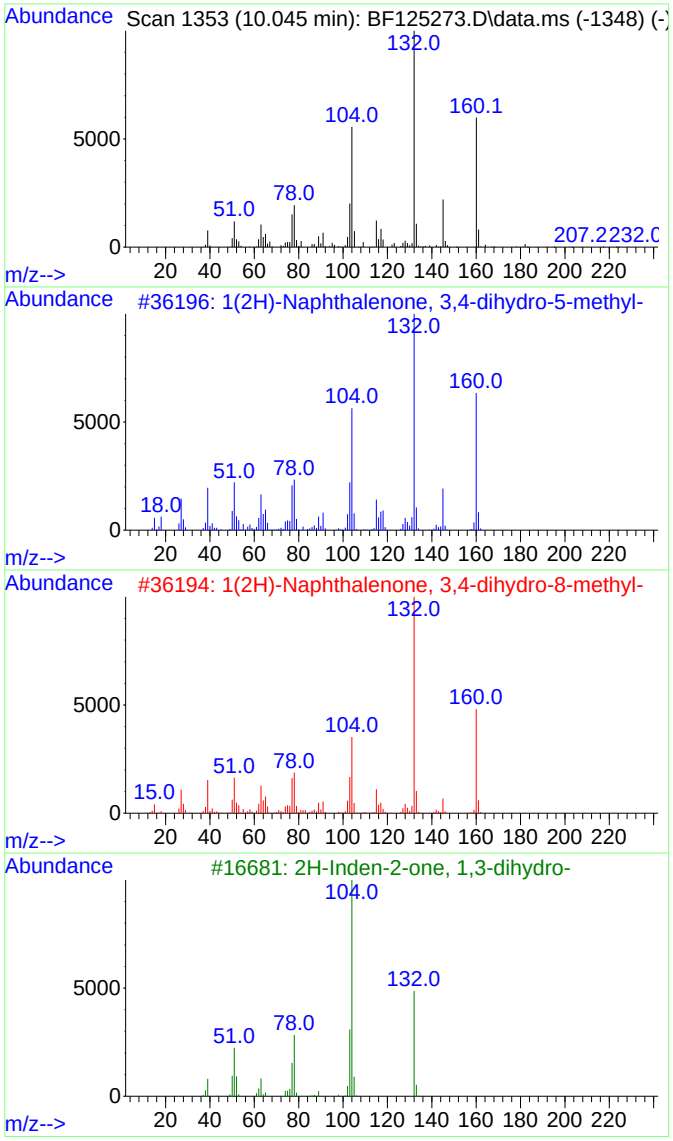
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

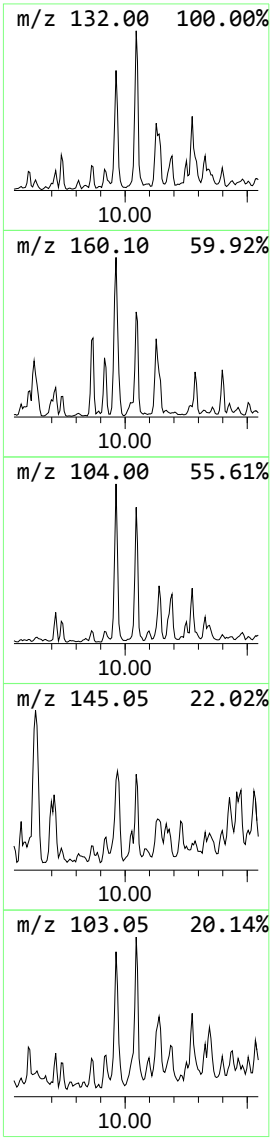
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.045	15.09 ng	3431420	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	91
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	90
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	58
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	52





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Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

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TIC Library : C:\Database\NIST20.L
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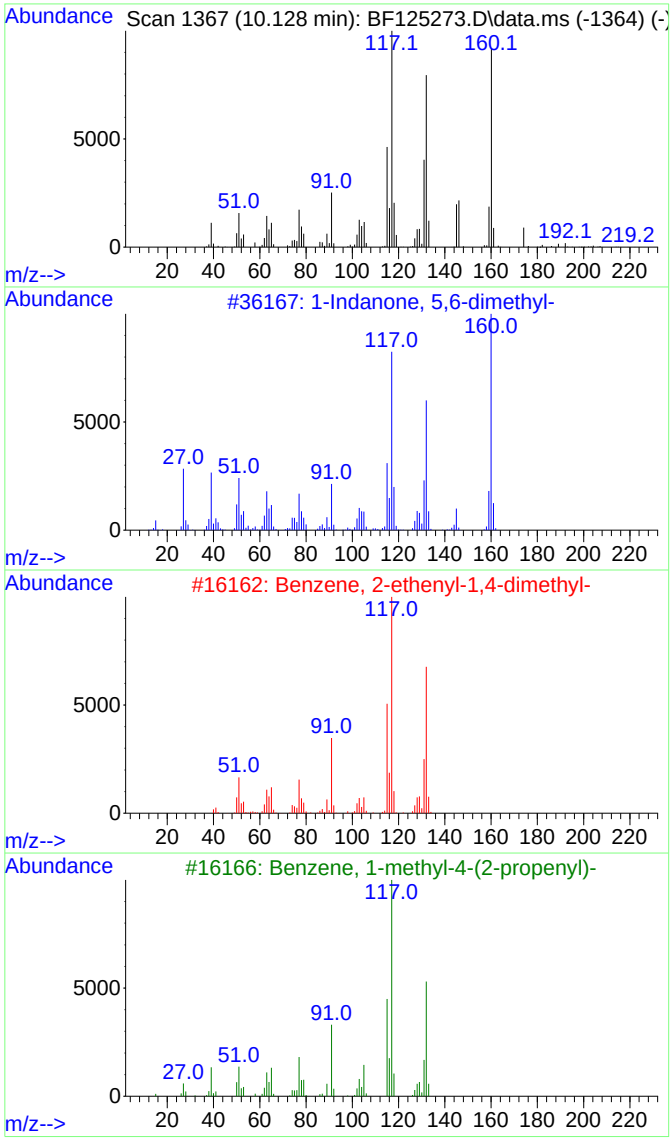
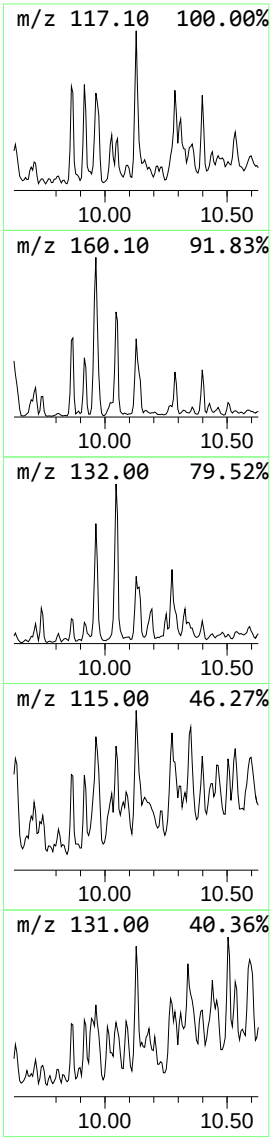
Peak Number 15 1-Indanone, 5,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	10.46 ng	2377850	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	55





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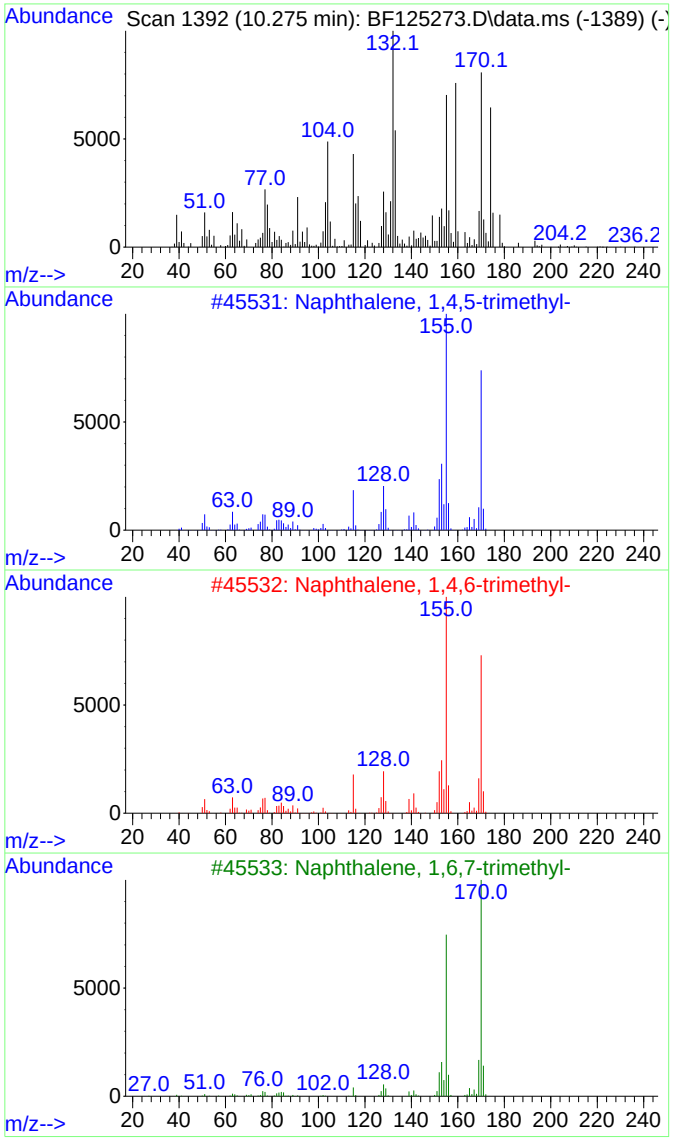
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

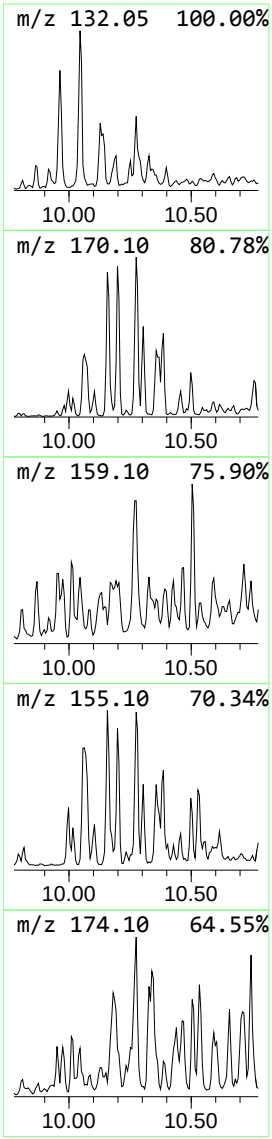
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	13.17 ng	2993250	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	68
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	66
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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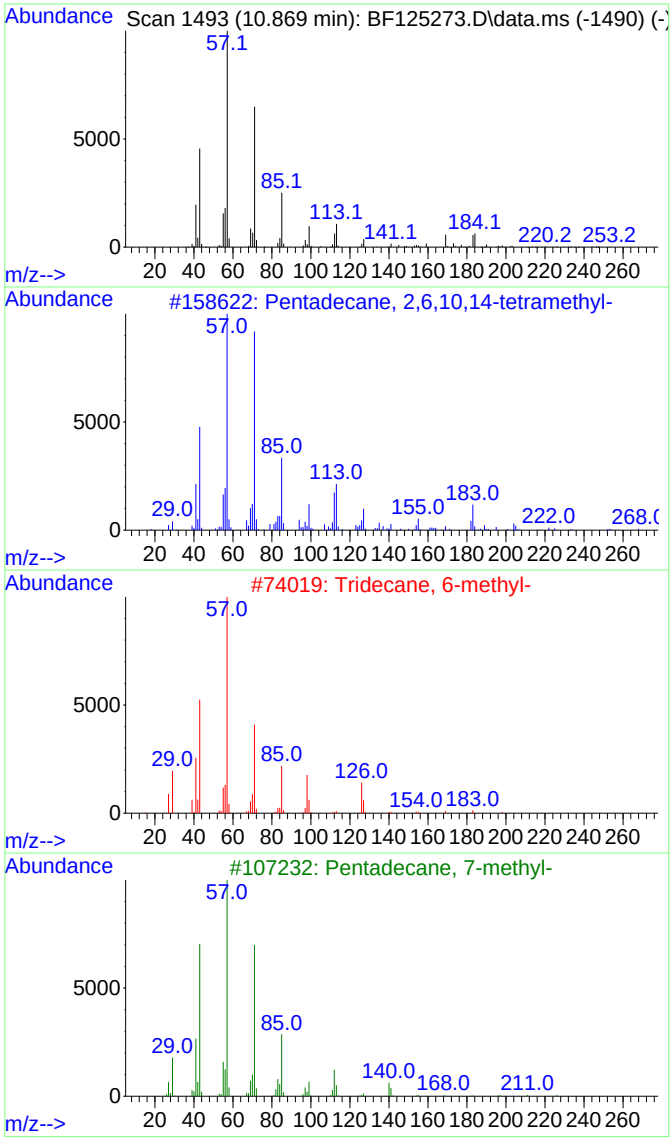
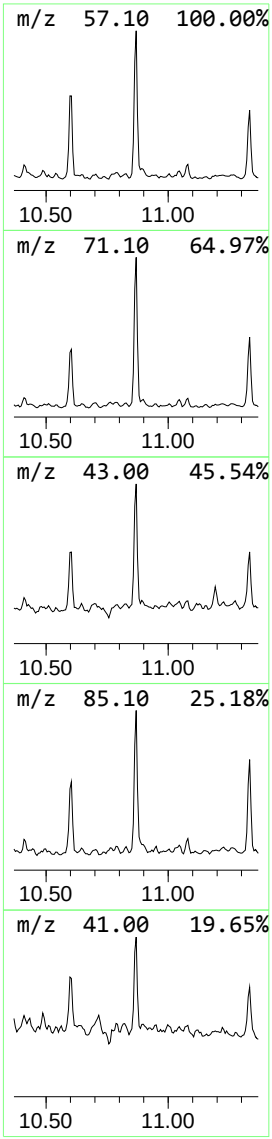
****
Peak Number 17 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	44.92 ng	3071070	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	70
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53





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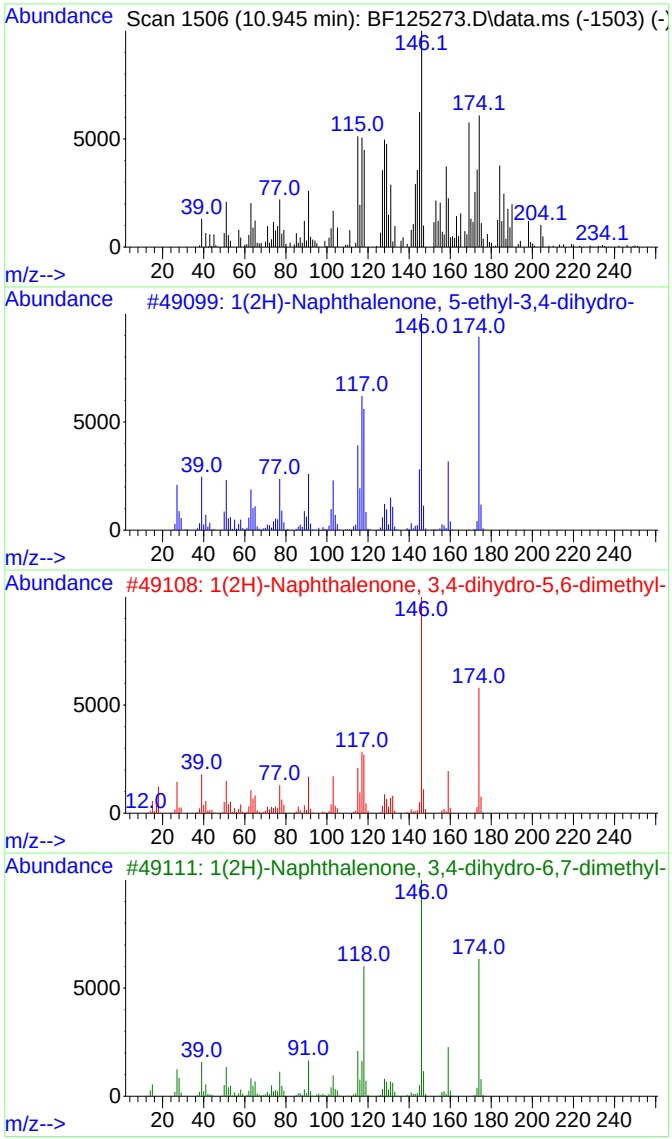
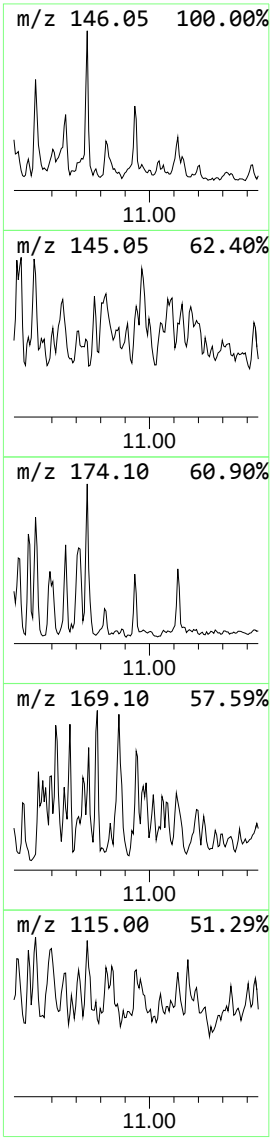
Peak Number 18 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.945	16.75 ng	1145520	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	64
2	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	46
3	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	019550-57-3	38
4	4,4a,5,9b-Tetrahydroindeno[1,2-d...	176	C11H12O2	018096-62-3	38
5	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	38





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Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

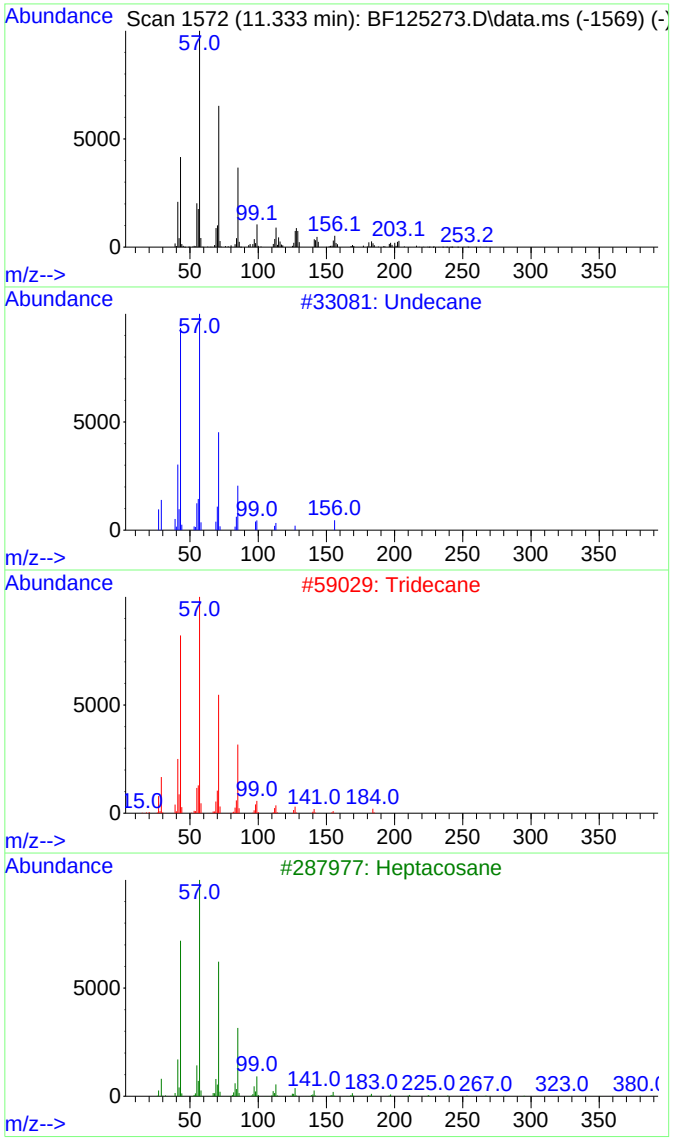
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

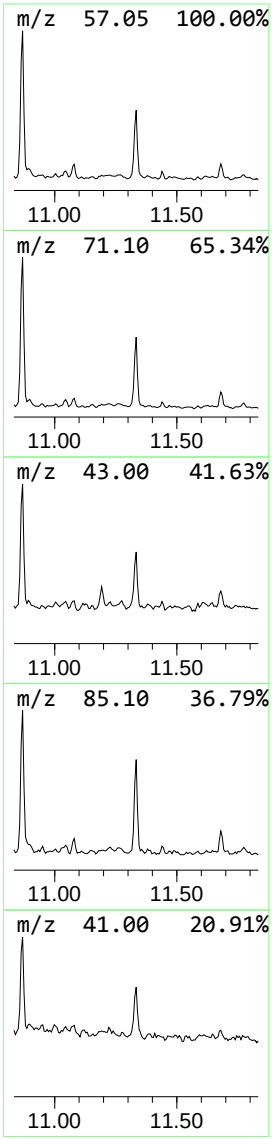
****

Peak Number 19 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	24.98 ng	1707610	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	Tridecane	184	C13H28	000629-50-5	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

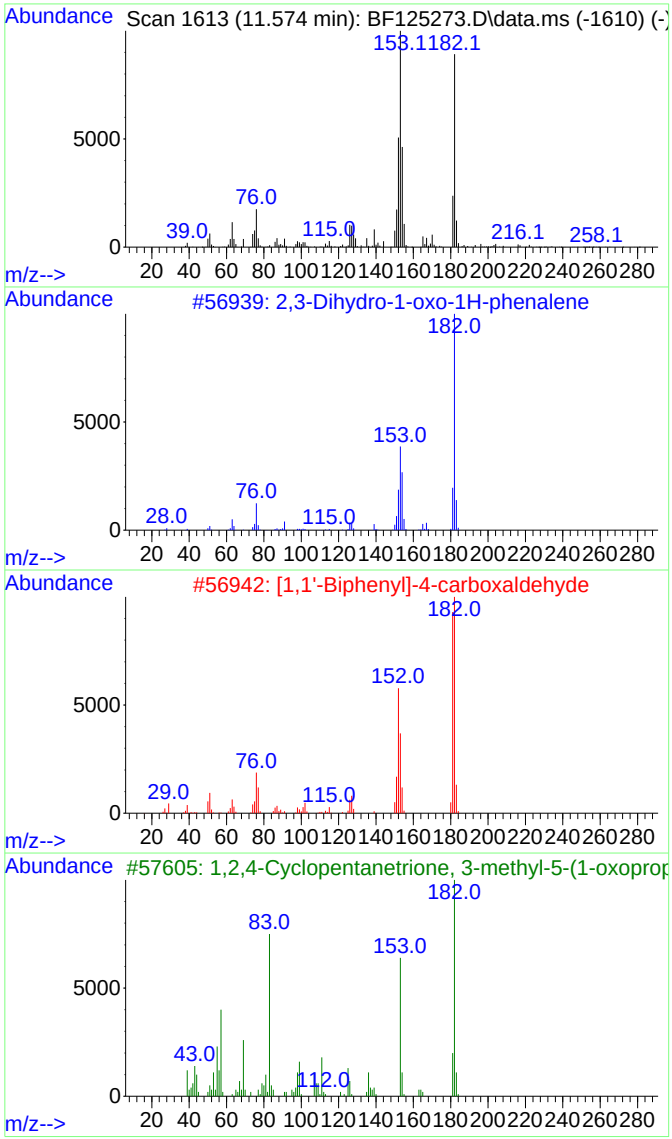
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

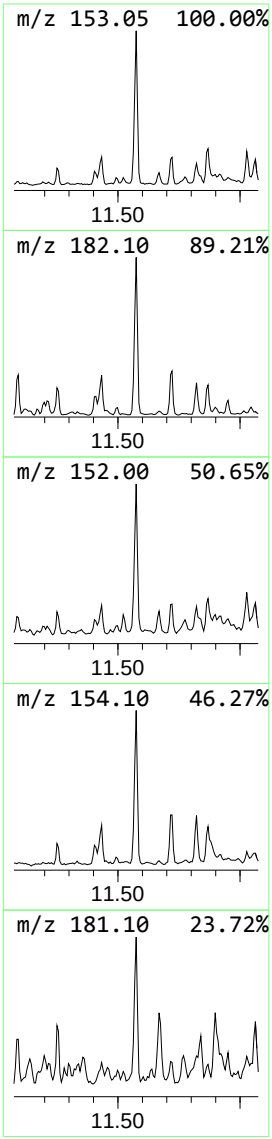
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	30.63 ng	2094200	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
3	1,2,4-Cyclopentanetrione, 3-meth...	182	C9H10O4	057174-14-8	50
4	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	47
5	Atractylodin	182	C13H10O	055290-63-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125273.D
Acq On : 30 Aug 2021 20:59
Operator : JU/CG
Sample : M3561-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FA4-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.169	58.1	ng	3376260	1	6.916	1162290	20.0
unknown7.845	7.845	12.3	ng	940772	2	8.198	1524330	20.0
unknown7.928	7.928	14.1	ng	1077990	2	8.198	1524330	20.0
unknown7.998	7.998	11.6	ng	881334	2	8.198	1524330	20.0
Pentane, 2,2,3,...	8.251	15.7	ng	1193190	2	8.198	1524330	20.0
unknown8.351	8.351	22.1	ng	1684750	2	8.198	1524330	20.0
Benzene, (2-met...	8.445	10.6	ng	810752	2	8.198	1524330	20.0
Nonane, 3-methyl-	8.610	10.6	ng	808265	2	8.198	1524330	20.0
unknown8.663	8.663	40.4	ng	3082070	2	8.198	1524330	20.0
unknown8.816	8.816	30.5	ng	2322090	2	8.198	1524330	20.0
Bicyclo[3.1.0]h...	8.951	31.3	ng	2382660	2	8.198	1524330	20.0
Naphthalene, 1,...	9.628	11.4	ng	2603120	3	9.957	4546570	20.0
Tridecane, 5-pr...	9.669	10.9	ng	2484050	3	9.957	4546570	20.0
1(2H)-Naphthale...	10.045	15.1	ng	3431420	3	9.957	4546570	20.0
1-Indanone, 5,6...	10.128	10.5	ng	2377850	3	9.957	4546570	20.0
Naphthalene, 1,...	10.275	13.2	ng	2993250	3	9.957	4546570	20.0
Pentadecane, 2,...	10.869	44.9	ng	3071070	4	11.451	1367440	20.0
1(2H)-Naphthale...	10.945	16.8	ng	1145520	4	11.451	1367440	20.0
Undecane	11.333	25.0	ng	1707610	4	11.451	1367440	20.0
2,3-Dihydro-1-o...	11.575	30.6	ng	2094200	4	11.451	1367440	20.0