LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-02(7.5-9.5)

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123943.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	9	17	22	rBV	564437	705027	11.31%	1.819%
2	3.451	229	232	238	rBV	49078	77777	1.25%	0.201%
3	4.745	447	452	462	rVB	671872	800260	12.84%	2.065%
4	5.351	552	555	560	rBV	165726	263048	4.22%	0.679%
5	5.392	560	562	567	rVB2	99059	101136	1.62%	0.261%
6	5.528	577	585	589	rBV2	596751	959009	15.38%	2.474%
7	5.575	591	593	598	rVB2	126248	154026	2.47%	0.397%
8	5.645	598	605	608	rBV	503933	633769	10.16%	1.635%
9	5.751	618	623	630	rBV2	76205	120302	1.93%	0.310%
10	6.092	678	681	683	rBV	418750	382682	6.14%	0.987%
11	6.116	683	685	700	rVB	305193	374908	6.01%	0.967%
12	6.228	700	704	718	rBV	254762	271328	4.35%	0.700%
13	6.428	736	738	741	rVB	89012	76459	1.23%	0.197%
14	6.522	747	754	758	rBV	1036441	1180668	18.94%	3.046%
15	6.592	763	766	769	rBV3	58769	69384	1.11%	0.179%
16	6.669	776	779	782	rVB	126613	87081	1.40%	0.225%
17	6.728	785	789	793	rBV	424558	369679	5.93%	0.954%
18	6.798	799	801	806	rVB	121030	95318	1.53%	0.246%
19	6.898	815	818	822	rBV	311254	280391	4.50%	0.723%
20	6.957	825	828	831	rBV	147014	122760	1.97%	0.317%
21	7.081	846	849	853	rVB	111016	92607	1.49%	0.239%
22	7.163	859	863	868	rBV	348030	332307	5.33%	0.857%
23	7.457	906	913	918	rVV	689141	752525	12.07%	1.941%
24	7.698	951	954	958	rVB3	54212	69799	1.12%	0.180%
25	7.757	961	964	968	rBV	140277	120391	1.93%	0.311%
26	7.922	990	992	998	rBV4	79353	89268	1.43%	0.230%
27	7.975	998	1001	1005	rVB2	103305	104396	1.67%	0.269%
28	8.169	1031	1034	1035	rVV	243240	208417	3.34%	0.538%
29	8.222	1035	1043	1046	rVV	5094571	6234907	100.00%	16.085%
30	8.257	1046	1049	1055	rVB2	347145	373332	5.99%	0.963%
31	8.357	1060	1066	1069	rBV7	33524	70802	1.14%	0.183%
32	8.533	1093	1096	1099	rVB	591034	519034	8.32%	1.339%
33	8.680	1118	1121	1128	rVB	321726	316576	5.08%	0.817%
34	8.775	1134	1137	1141	rBV2	184663	193943	3.11%	0.500%
35	8.898	1152	1158	1162	rVB2	1184167	1188161	19.06%	3.065%
36	8.945	1162	1166	1170	rBV	262770	238622	3.83%	0.616%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-02(7.5-9.5)

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.998	1170	1175	1179	rVB	544665	481186	7.72%	1.241%
38	9.222	1209	1213	1215	rBV3	85307	115894	1.86%	0.299%
39	9.263	1215	1220	1223	rVB	1416866	1189619	19.08%	3.069%
40	9.345	1229	1234	1235	rBV2	134162	159348	2.56%	0.411%
41	9.363	1235	1237	1243	rVB	299179	287286	4.61%	0.741%
42	9.457	1251	1253	1258	rVB	104414	121103	1.94%	0.312%
43	9.527	1258	1265	1272	rBV3	258947	497569	7.98%	1.284%
44	9.598	1273	1277	1280	rBV2	263993	403027	6.46%	1.040%
45	9.716	1294	1297	1299	rBV	137416	108992	1.75%	0.281%
46	9.798	1307	1311	1317	rVB	249931	249586	4.00%	0.644%
47	9.875	1321	1324	1326	rVB	172097	125221	2.01%	0.323%
48	9.916	1326	1331	1333	rBV3	95215	130467	2.09%	0.337%
49	9.939	1333	1335	1338	rVV	518691	410493	6.58%	1.059%
50	9.975	1338	1341	1344	rVB3	103841	101703	1.63%	0.262%
51	10.145	1366	1370	1373	rBV	773130	634852	10.18%	1.638%
52	10.257	1386	1389	1391	rBV	87613	78587	1.26%	0.203%
53	10.280	1391	1393	1396	rVB	132511	117709	1.89%	0.304%
54	10.345	1401	1404	1406	rBV	69237	79343	1.27%	0.205%
55	10.374	1406	1409	1412	rVB	273316	220288	3.53%	0.568%
56	10.492	1425	1429	1432	rBV	1353903	1128703	18.10%	2.912%
57	10.598	1444	1447	1452	rVB2	129988	143243	2.30%	0.370%
58	10.645	1452	1455	1459	rVB	156904	139267	2.23%	0.359%
59	10.727	1464	1469	1473	rBV	1207324	1063751	17.06%	2.744%
60	10.845	1487	1489	1495	rBV	318207	419646	6.73%	1.083%
61	11.016	1515	1518	1520	rBV	106193	119617	1.92%	0.309%
62	11.033	1520	1521	1524	rVV2	122308	103834	1.67%	0.268%
63	11.063	1524	1526	1532	rVB3	84086	102648	1.65%	0.265%
64	11.298	1560	1566	1568	rBV3	219804	261223	4.19%	0.674%
65	11.327	1568	1571	1575	rVV	237753	253056	4.06%	0.653%
66	11.363	1575	1577	1581	rVB2	178819	173030	2.78%	0.446%
67	11.427	1585	1588	1590	rBV	401254	417480	6.70%	1.077%
68	11.463	1590	1594	1596	rVV	2105535	2039208	32.71%	5.261%
69	11.504	1599	1601	1604	rVV	547303	429594	6.89%	1.108%
70	11.551	1606	1609	1612	rVB	231546	192255	3.08%	0.496%
71	11.651	1621	1626	1628	rBV2	107901	127603	2.05%	0.329%
72	11.669	1628	1629	1633	rVB	93853	73219	1.17%	0.189%
73	11.727	1636	1639	1643	rBV2	98910	95130	1.53%	0.245%
74	11.839	1655	1658	1663	rVB2	136703	126858	2.03%	0.327%
75	11.927	1671	1673	1675	rBV	131256	133788	2.15%	0.345%
76	11.957	1675	1678	1682	rVV3	333130	339045	5.44%	0.875%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-02(7.5-9.5)

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.004	1682	1686	1688	rVB3	66511	77346	1.24%	0.200%
78	12.045	1688	1693	1695	rBV2	294186	294633	4.73%	0.760%
79	12.227	1716	1724	1726	rBV4	108517	156158	2.50%	0.403%
80	12.521	1771	1774	1780	rVB4	100240	147685	2.37%	0.381%
81	12.663	1793	1798	1803	rBV	843405	897693	14.40%	2.316%
82	12.816	1821	1824	1828	rBV	115553	104557	1.68%	0.270%
83	12.886	1830	1836	1839	rVV	906457	781128	12.53%	2.015%
84	13.021	1855	1859	1864	rVB	1143194	1040268	16.68%	2.684%
85	13.204	1887	1890	1892	rVB	126867	107515	1.72%	0.277%
86	13.268	1899	1901	1905	rBV2	115071	116464	1.87%	0.300%
87	13.821	1992	1995	1997	rBV	129970	120454	1.93%	0.311%
88	13.868	2001	2003	2007	rVV2	94502	87022	1.40%	0.225%
89	13.910	2007	2010	2015	rVB3	128426	154399	2.48%	0.398%
90	14.068	2032	2037	2040	rBV3	516269	749488	12.02%	1.934%
91	14.098	2040	2042	2050	rVB	300024	262409	4.21%	0.677%
92	15.127	2211	2217	2220	rBV	289881	482583	7.74%	1.245%
93	15.233	2232	2235	2239	rVB	70286	74494	1.19%	0.192%
94	15.433	2264	2269	2275	rVB2	156879	211963	3.40%	0.547%
95	15.498	2275	2280	2284	rVV	257179	316068	5.07%	0.815%
96	15.562	2286	2291	2294	rVV	276400	338043	5.42%	0.872%
97	15.592	2294	2296	2303	rVB3	80738	110040	1.76%	0.284%
98	17.056	2538	2545	2555	rVB2	157729	295423	4.74%	0.762%
99	17.515	2615	2623	2630	rBV	162402	307351	4.93%	0.793%
100	17.745	2656	2662	2669	rBV2	52854	104757	1.68%	0.270%

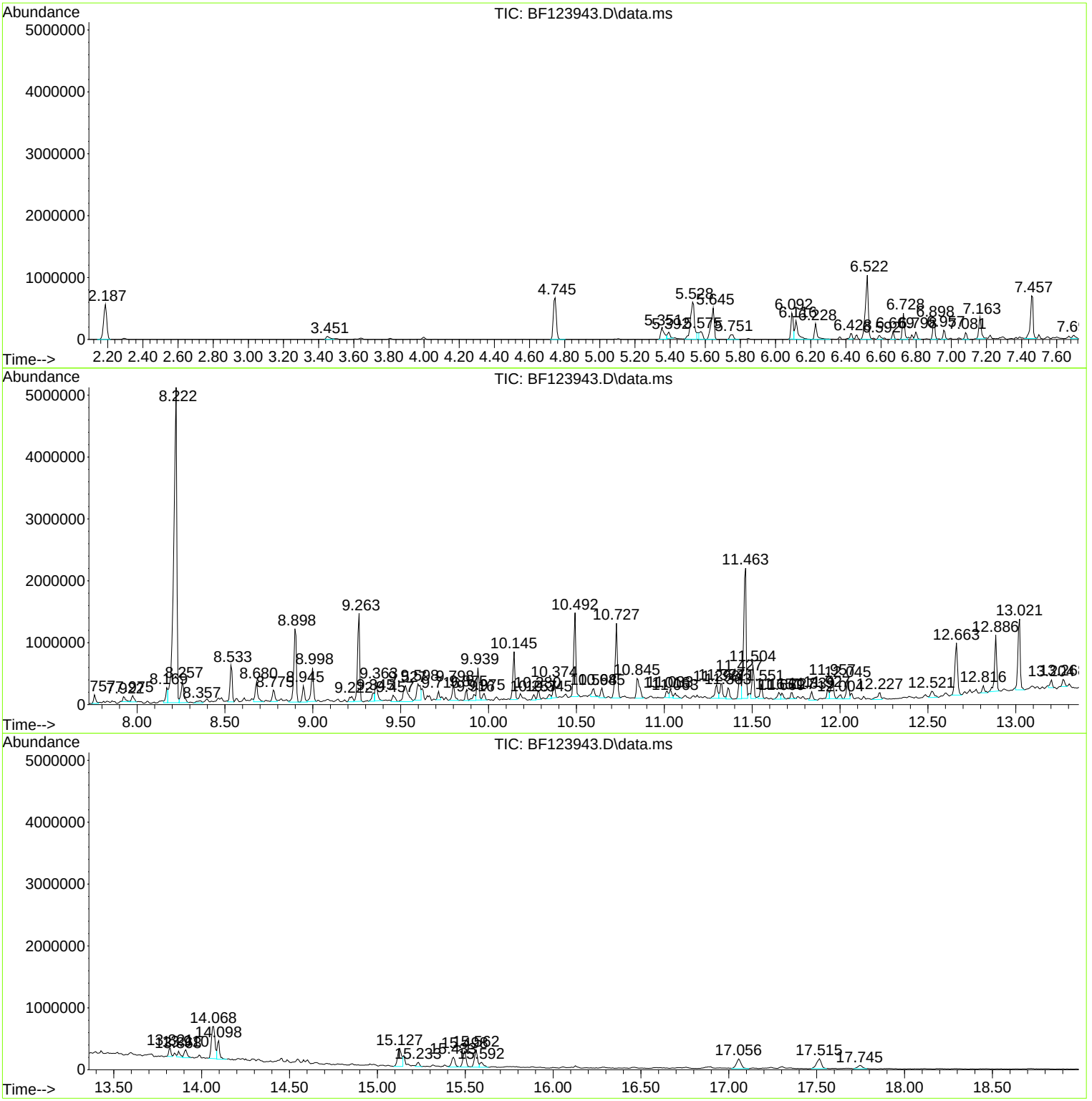
Sum of corrected areas: 38762511

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

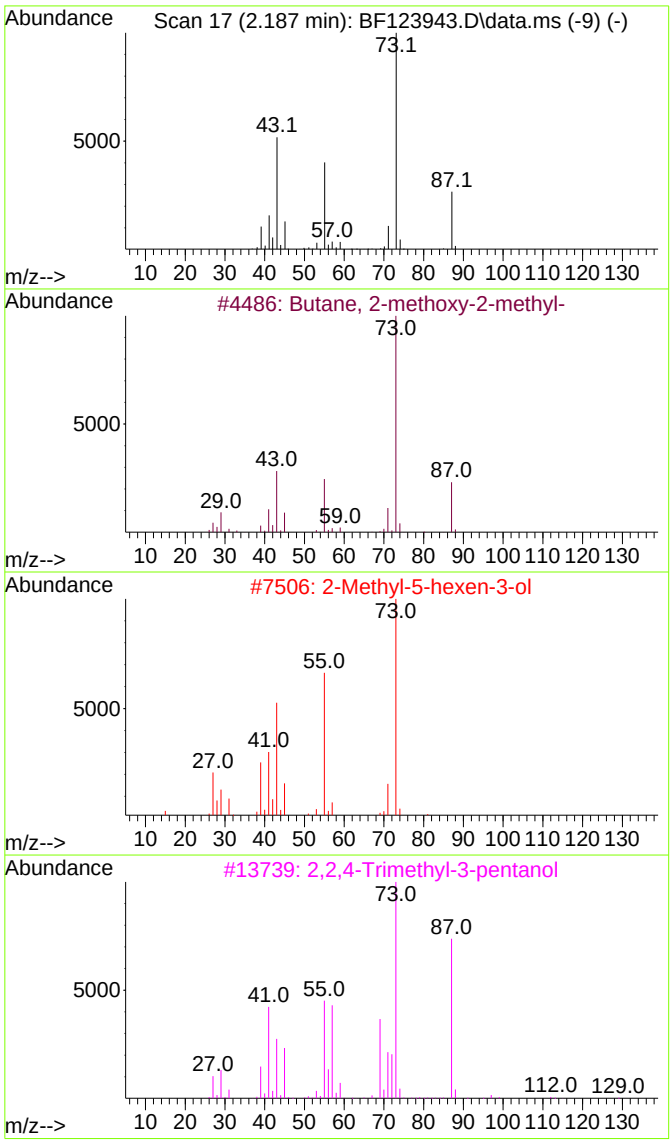
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

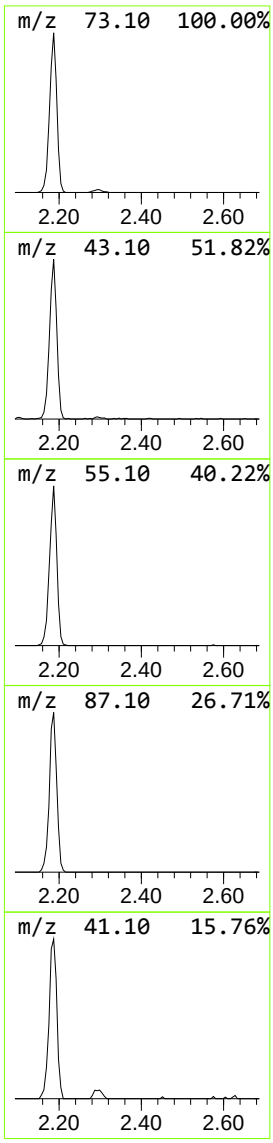
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	50.29 ng	705027	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-02(7.5-9.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

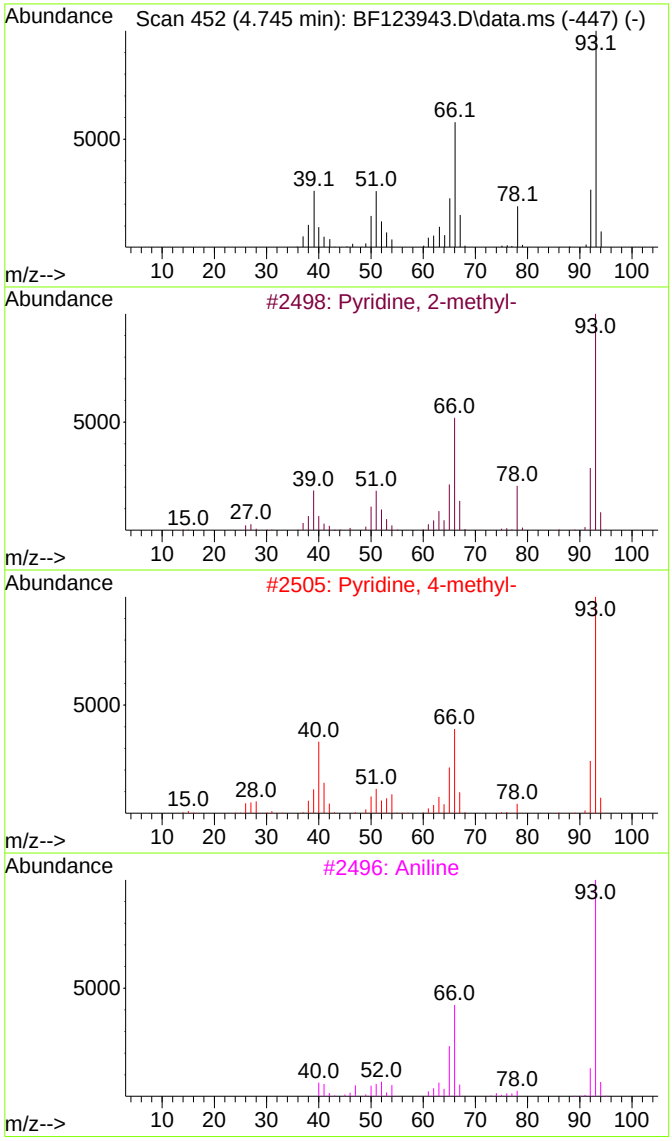
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

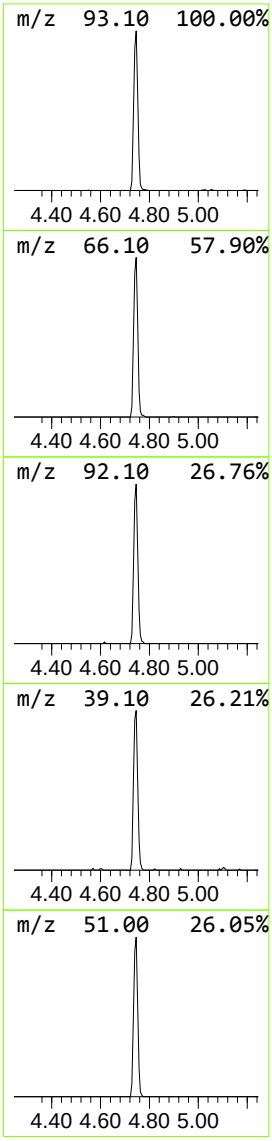
****

Peak Number 2 Pyridine, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.745	57.08 ng	800260	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	96
2	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	93
3	Aniline	93	C6H7N	000062-53-3	87
4	Silanediamine, 1,1-dimethyl-N,N'...	242	C14H18N2Si	013435-09-1	72
5	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-02(7.5-9.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

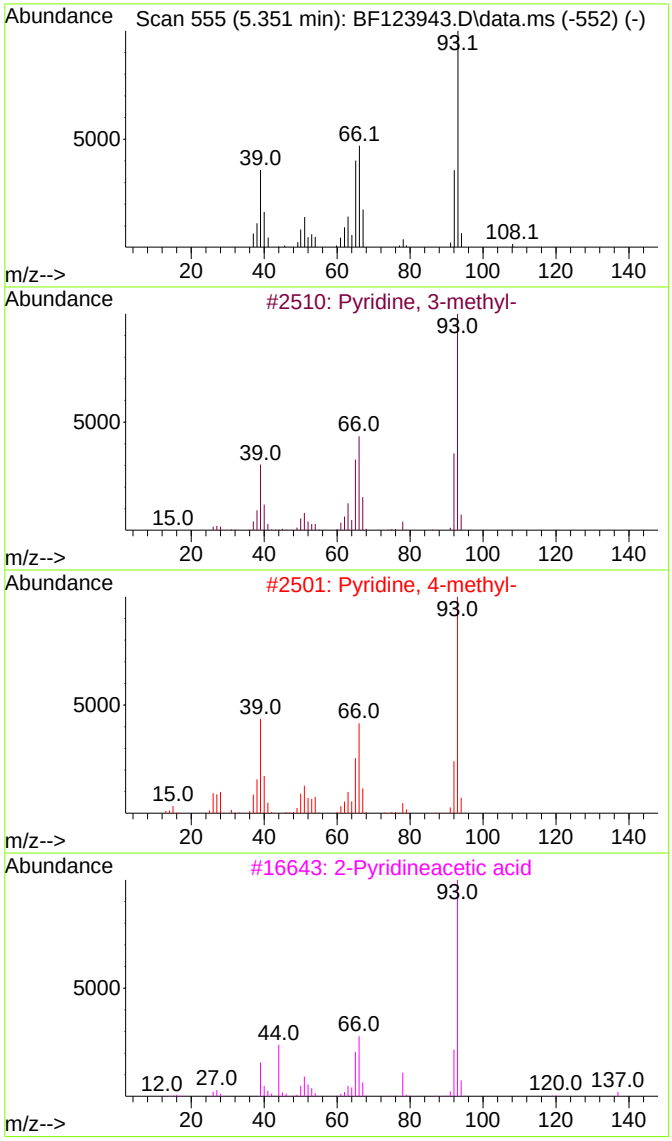
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

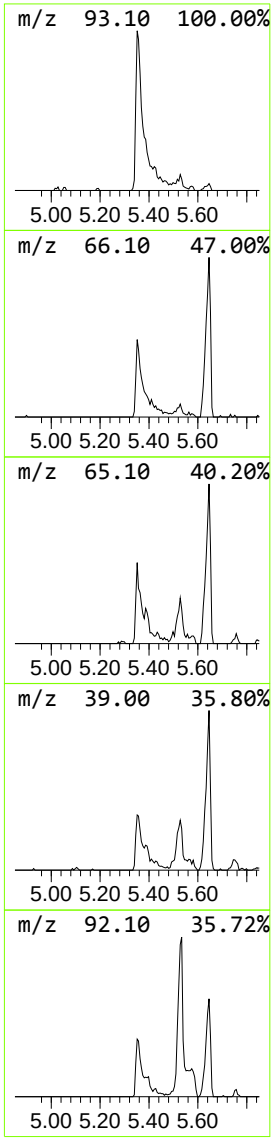
****

Peak Number 3 Pyridine, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.351	18.76 ng	263048	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	96
2	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	95
3	2-Pyridineacetic acid	137	C7H7NO2	013115-43-0	78
4	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	49
5	Aniline	93	C6H7N	000062-53-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

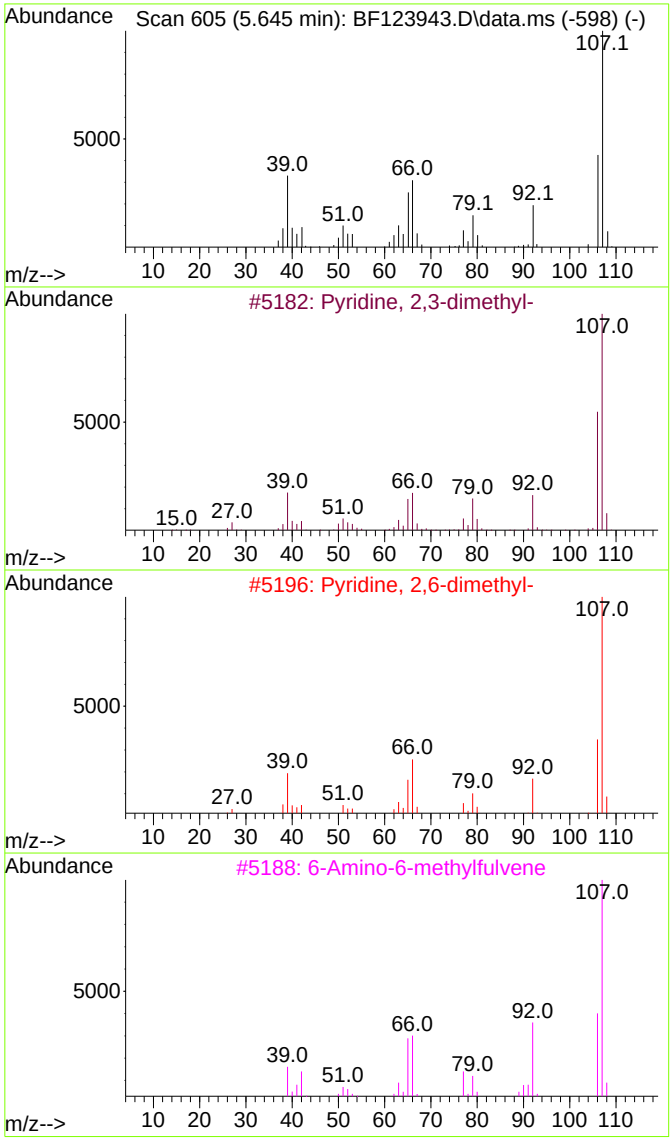
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

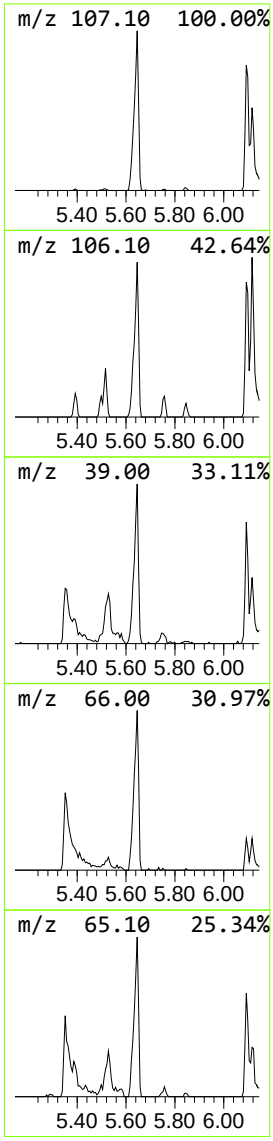
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pyridine, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.645	45.21 ng	633769	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	97
2	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	97
3	6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	86
4	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	49
5	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

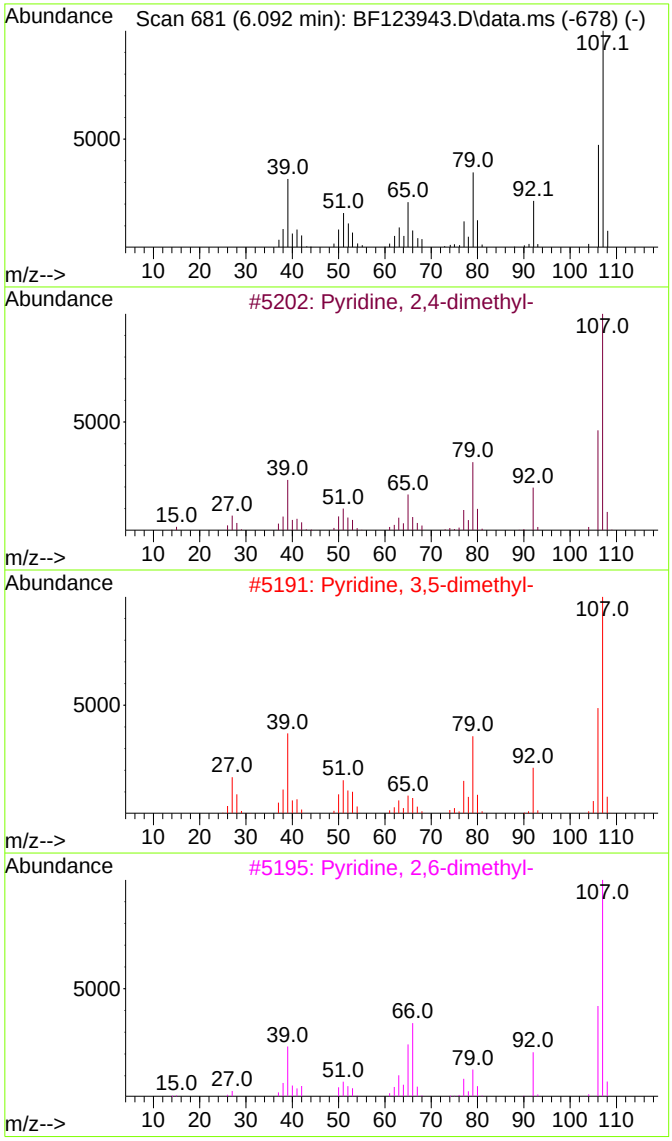
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

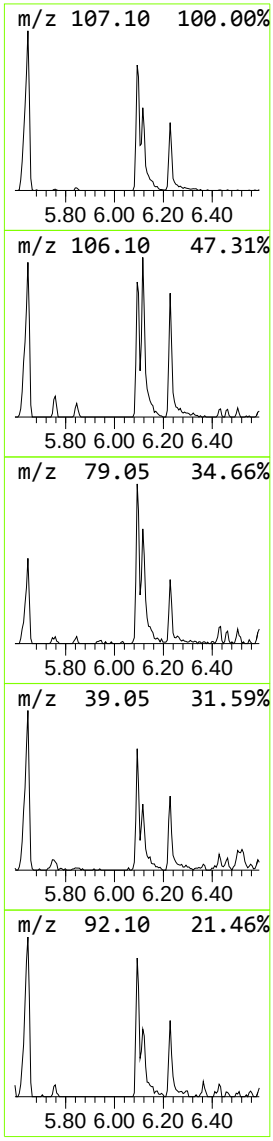
****

Peak Number 5 Pyridine, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.092	27.30 ng	382682	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	97
2	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	95
3	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	93
4	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	90
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	87





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Operator : JU/CG
Sample : M2383-02
Misc :
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Instrument :
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ClientSampleId :
KSB-02(7.5-9.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

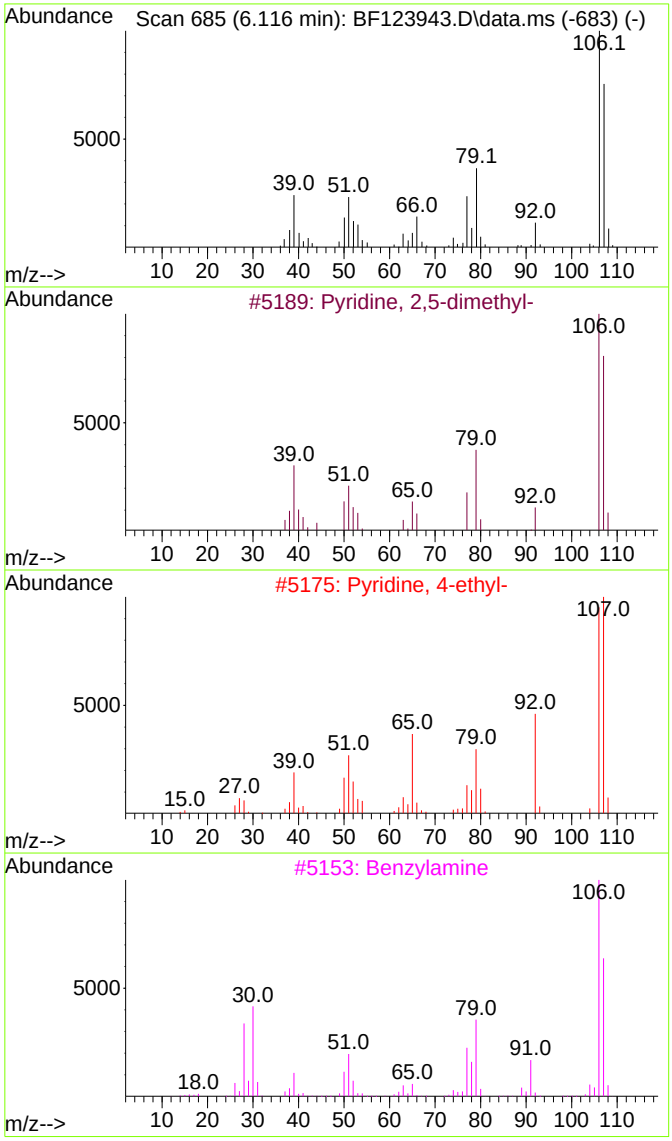
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

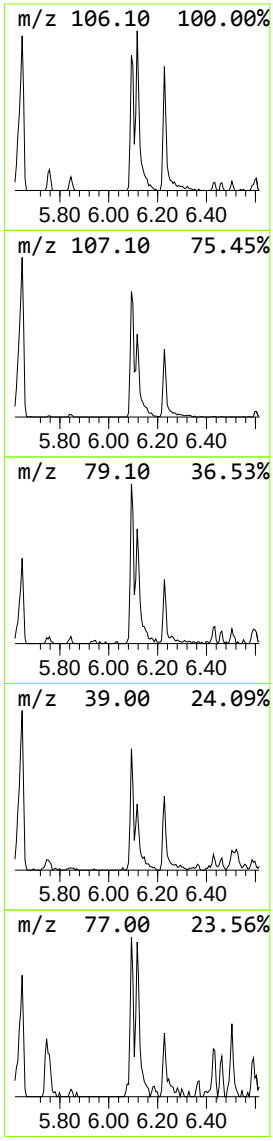
****

Peak Number 6 Pyridine, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.116	26.74 ng	374908	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	93
2	Pyridine, 4-ethyl-	107	C7H9N	000536-75-4	87
3	Benzylamine	107	C7H9N	000100-46-9	87
4	Aniline, N-methyl-	107	C7H9N	000100-61-8	83
5	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	72





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Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

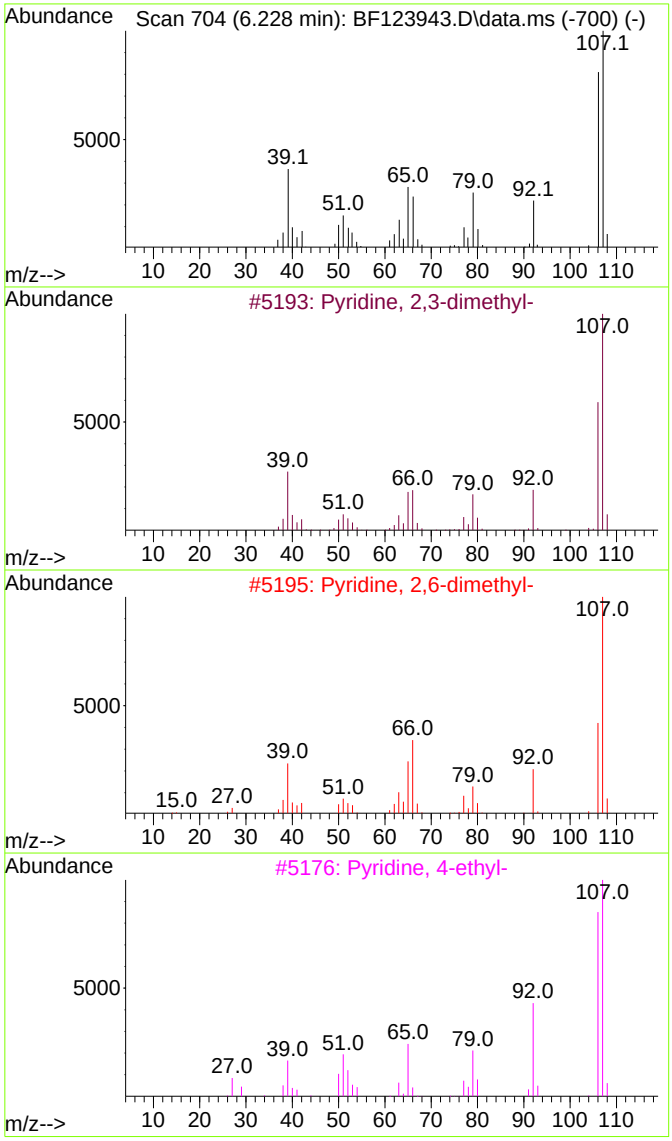
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

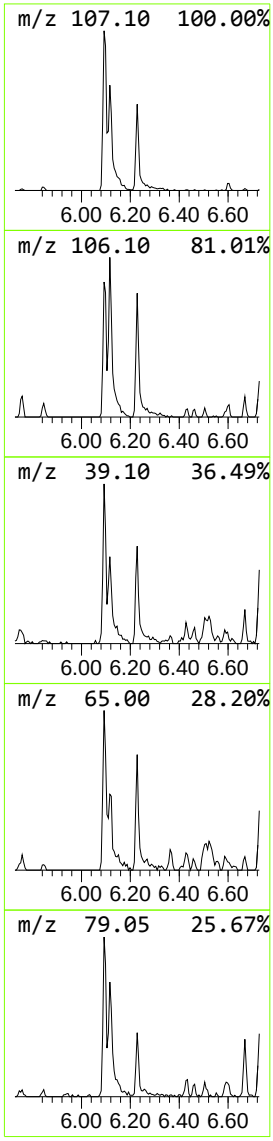
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pyridine, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.228	19.35 ng	271328	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	96
2	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	70
3	Pyridine, 4-ethyl-	107	C7H9N	000536-75-4	64
4	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	55
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	52





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Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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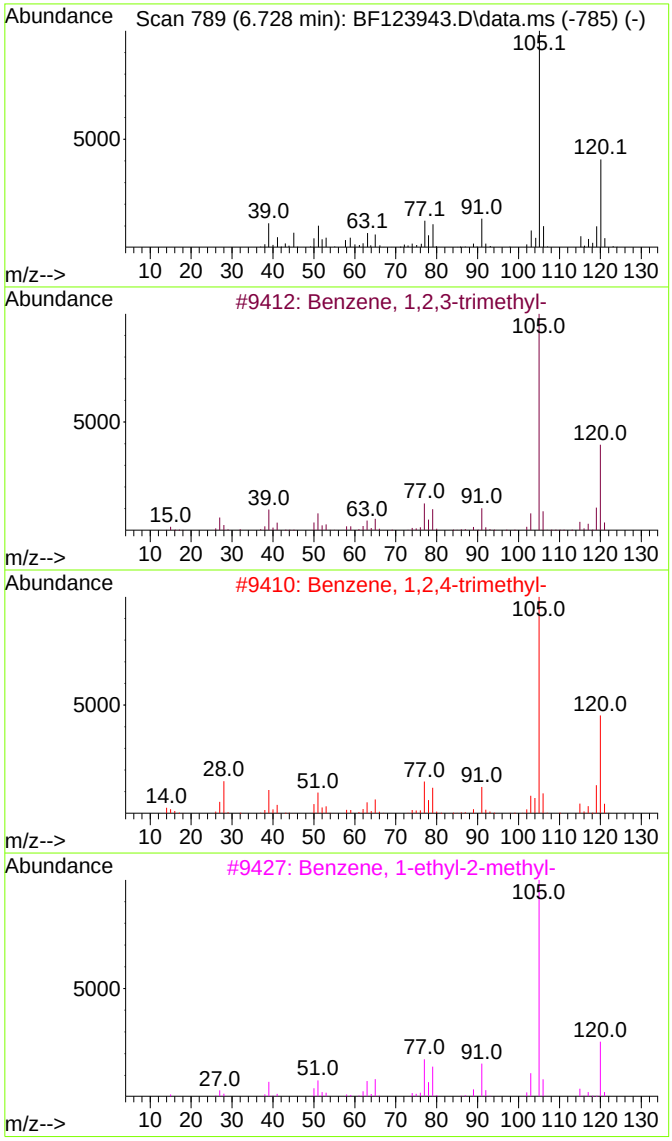
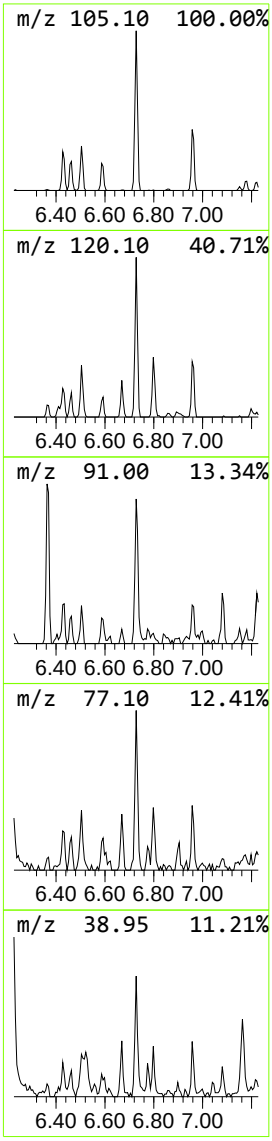
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	26.37 ng	369679	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

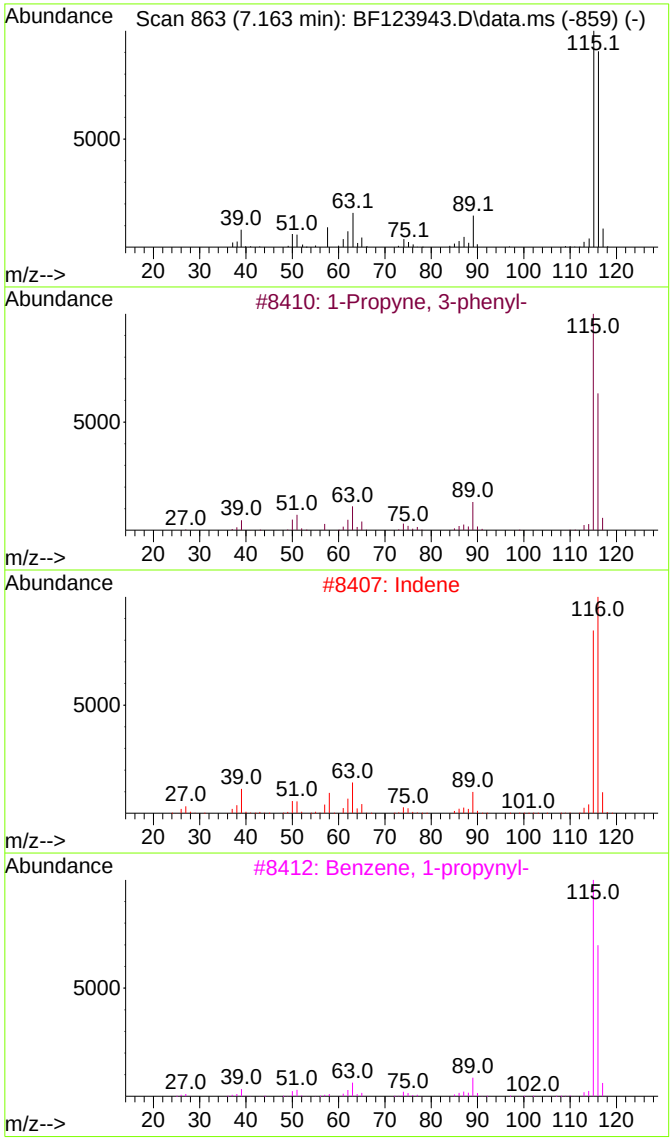
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

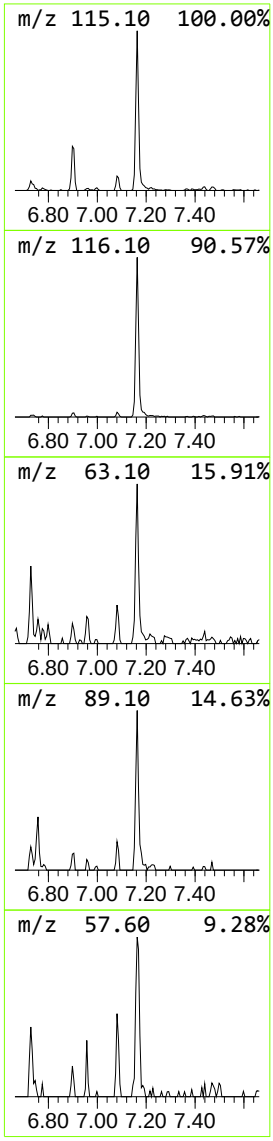
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Propyne, 3-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	23.70 ng	332307	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	93
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	90





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ALS Vial : 10 Sample Multiplier: 1

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KSB-02(7.5-9.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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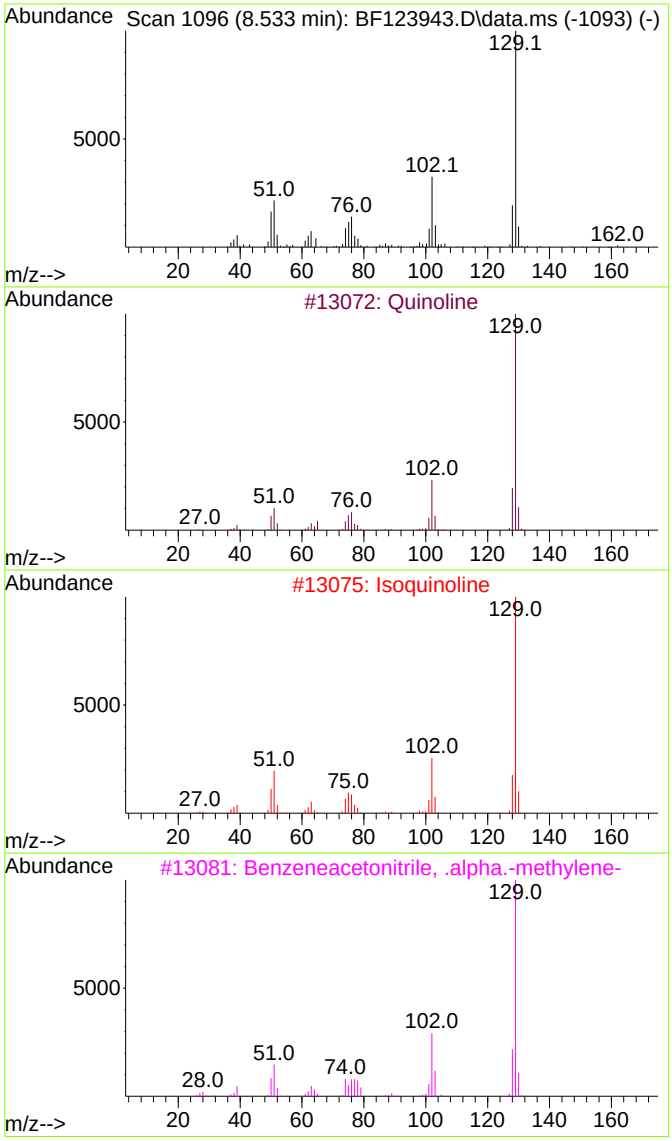
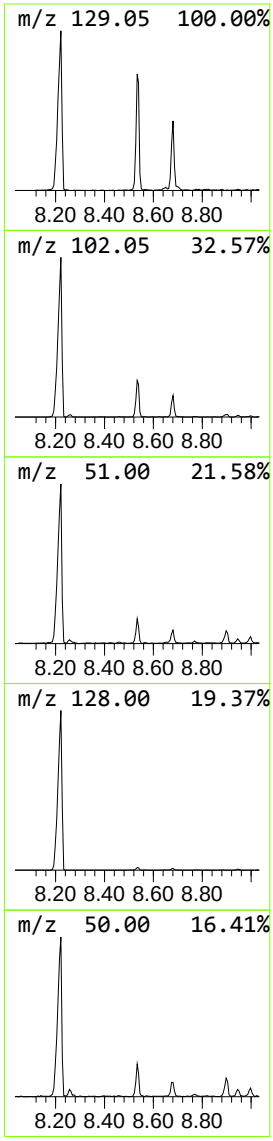
Peak Number 10 Quinoline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.533	49.81 ng	519034	Naphthalene-d8	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	97
2	Isoquinoline	129	C9H7N	000119-65-3	97
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	87
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	83
5	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	58





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Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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KSB-02(7.5-9.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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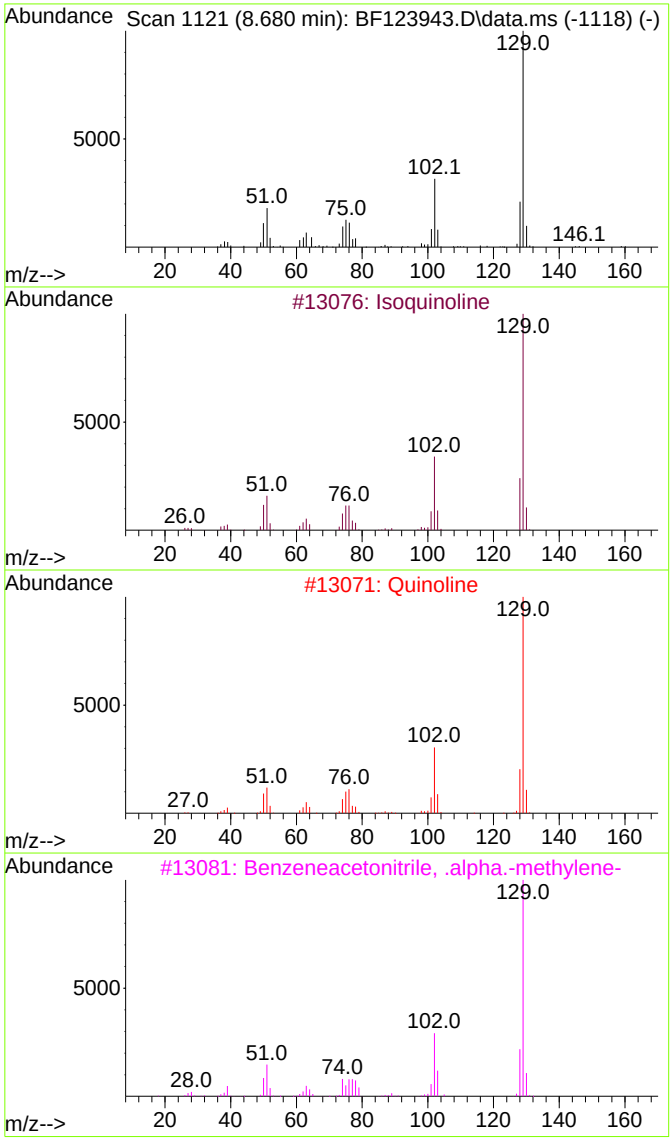
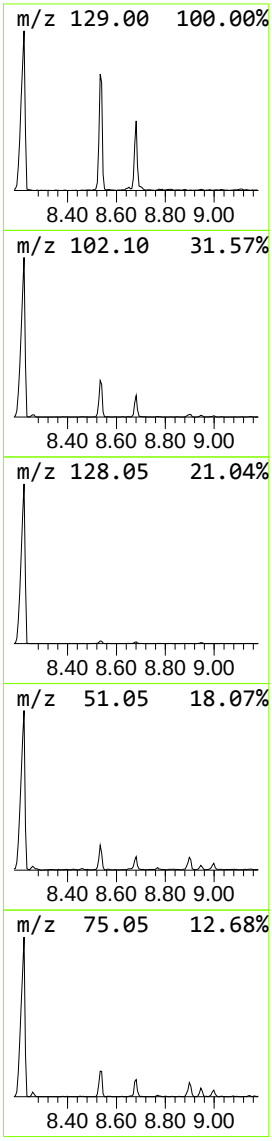
Peak Number 11 Isoquinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.680	30.38 ng	316576	Naphthalene-d8	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	97
2	Quinoline	129	C9H7N	000091-22-5	97
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	83
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	80
5	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	74





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Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-02(7.5-9.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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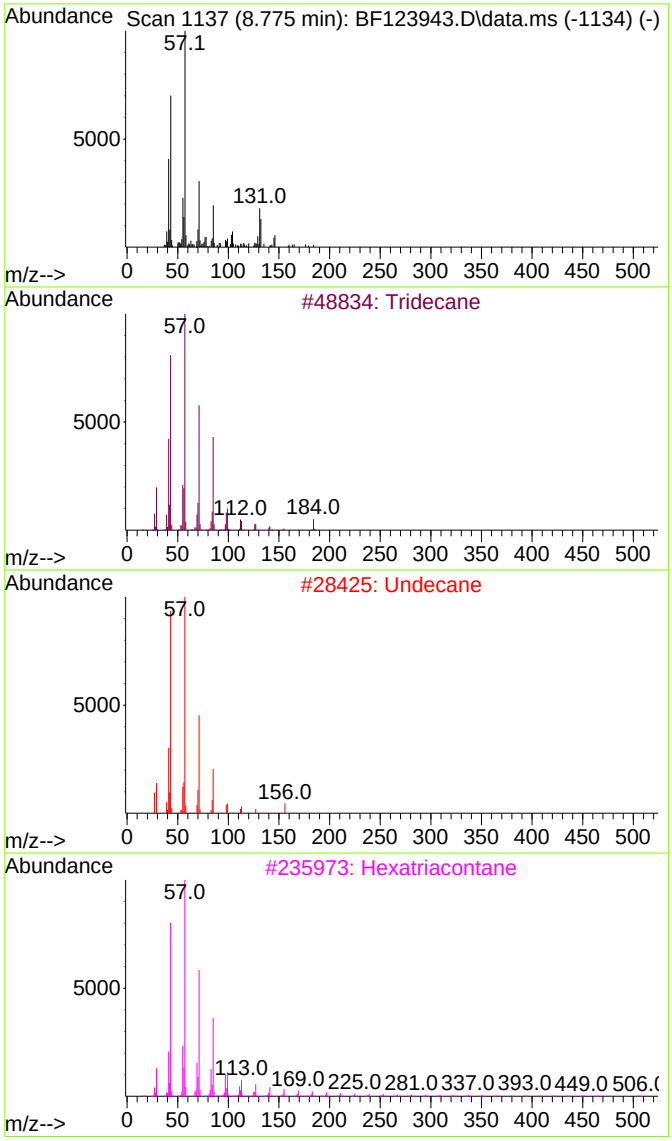
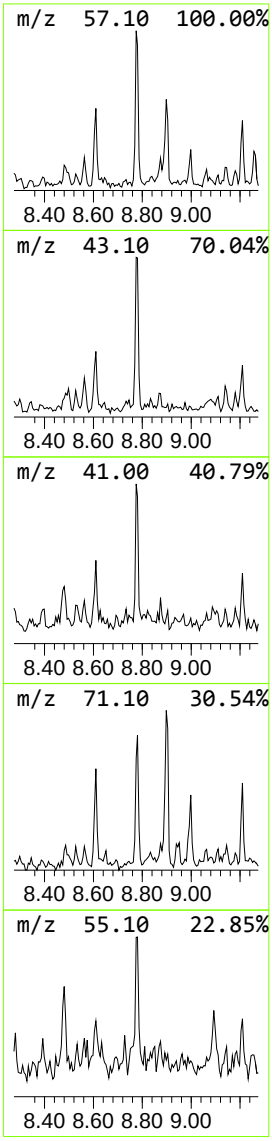
Peak Number 12 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	18.61 ng	193943	Naphthalene-d8	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	50
2	Undecane	156	C11H24	001120-21-4	46
3	Hexatriacontane	507	C36H74	000630-06-8	35
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	35
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	30





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Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

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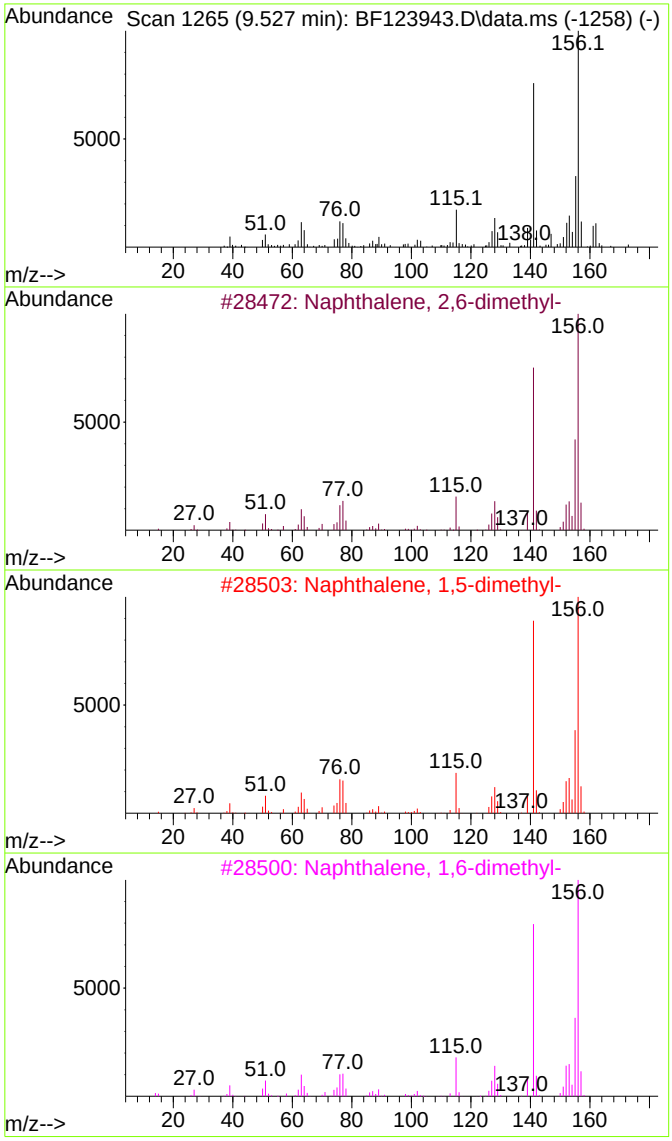
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

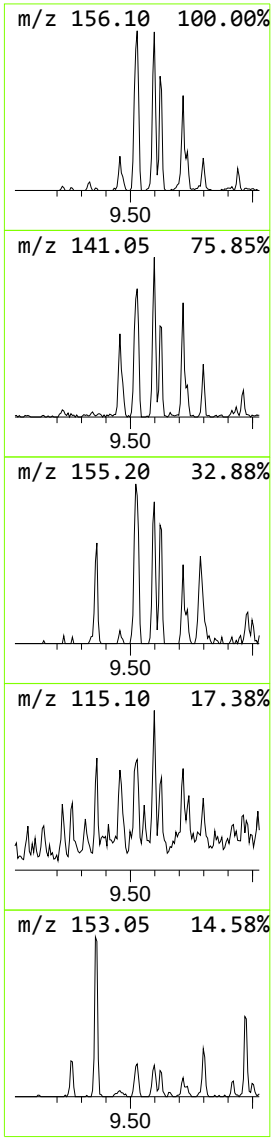
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.527	24.24 ng	497569	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98





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Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-02(7.5-9.5)

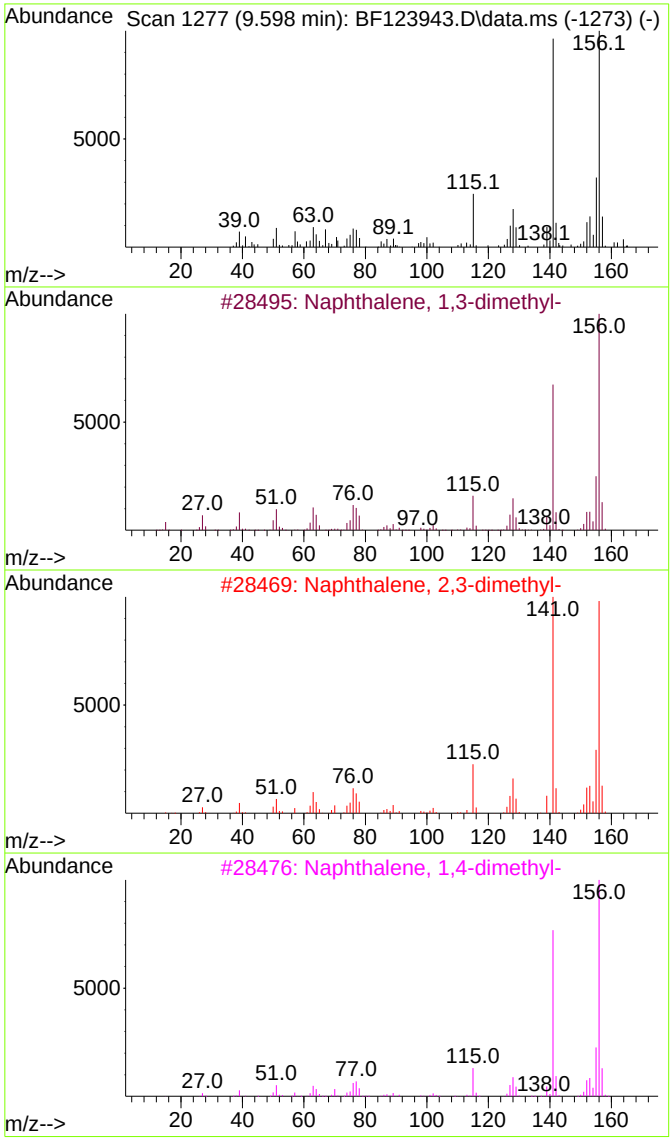
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

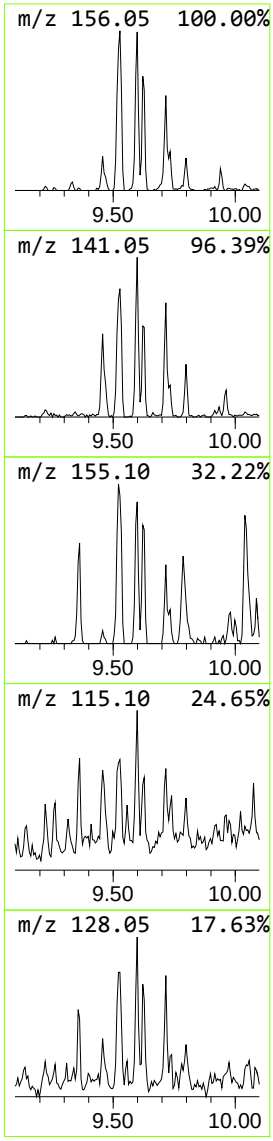
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	19.64 ng	403027	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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KSB-02(7.5-9.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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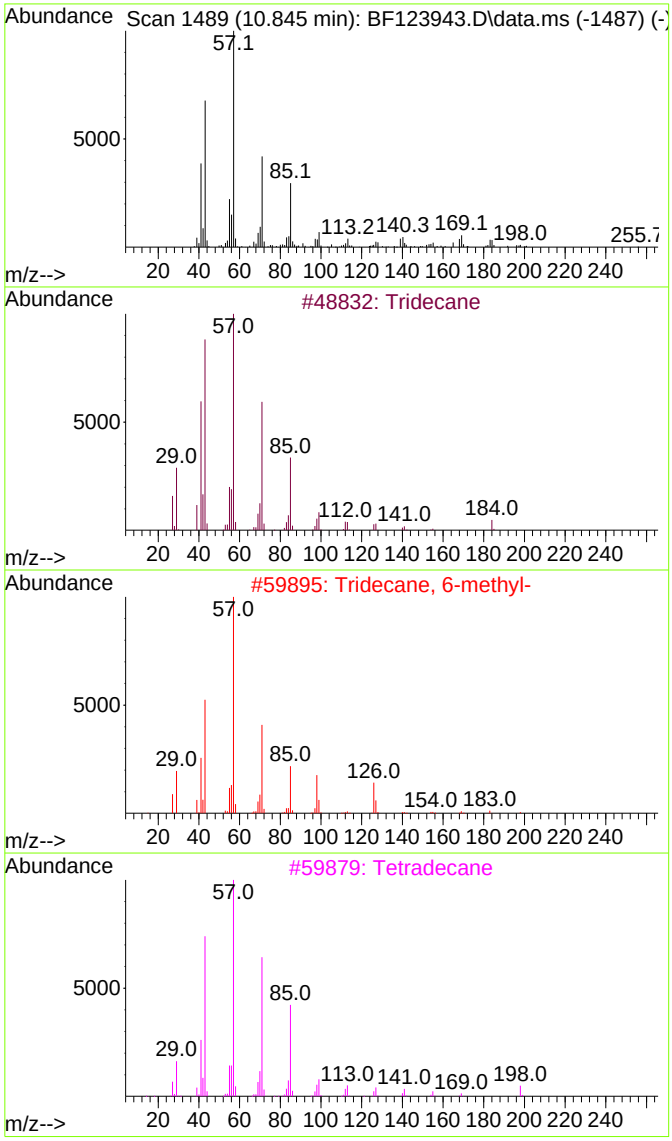
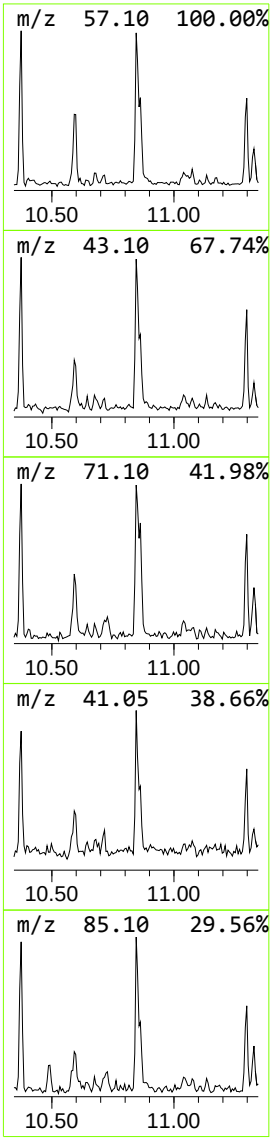
Peak Number 15 Tridecane, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	20.10 ng	419646	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
3	Tetradecane	198	C14H30	000629-59-4	76
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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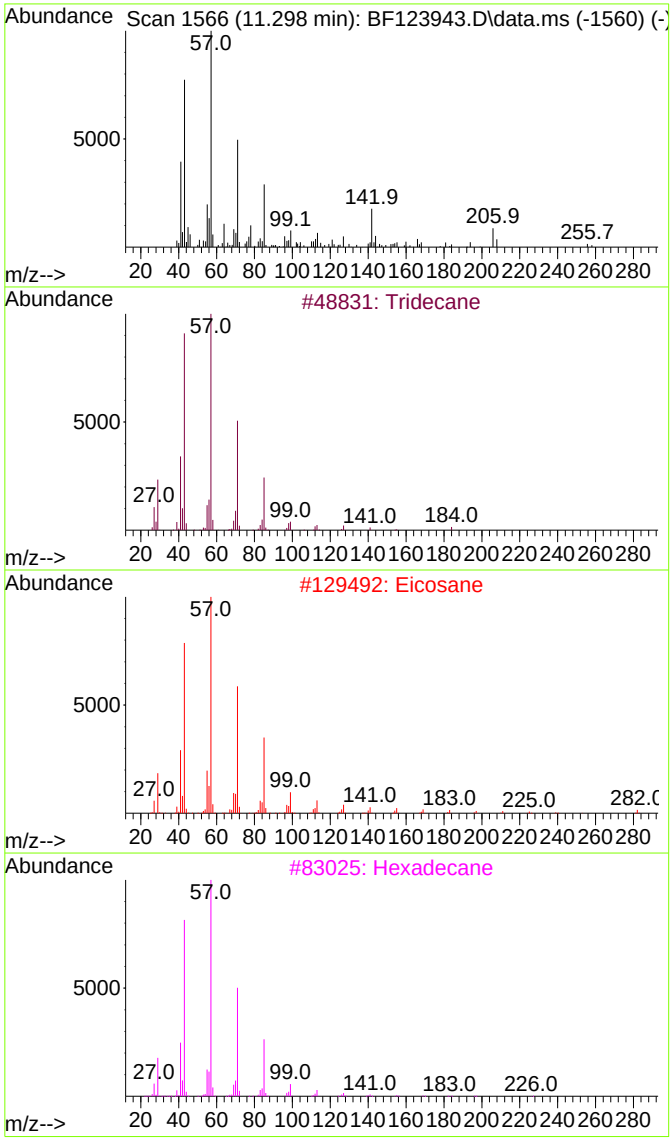
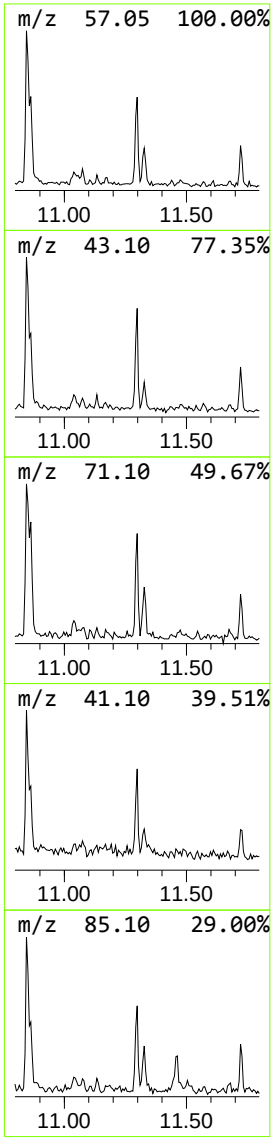
Peak Number 16 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	12.51 ng	261223	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Eicosane	282	C20H42	000112-95-8	52
3	Hexadecane	226	C16H34	000544-76-3	52
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	52
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50





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BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

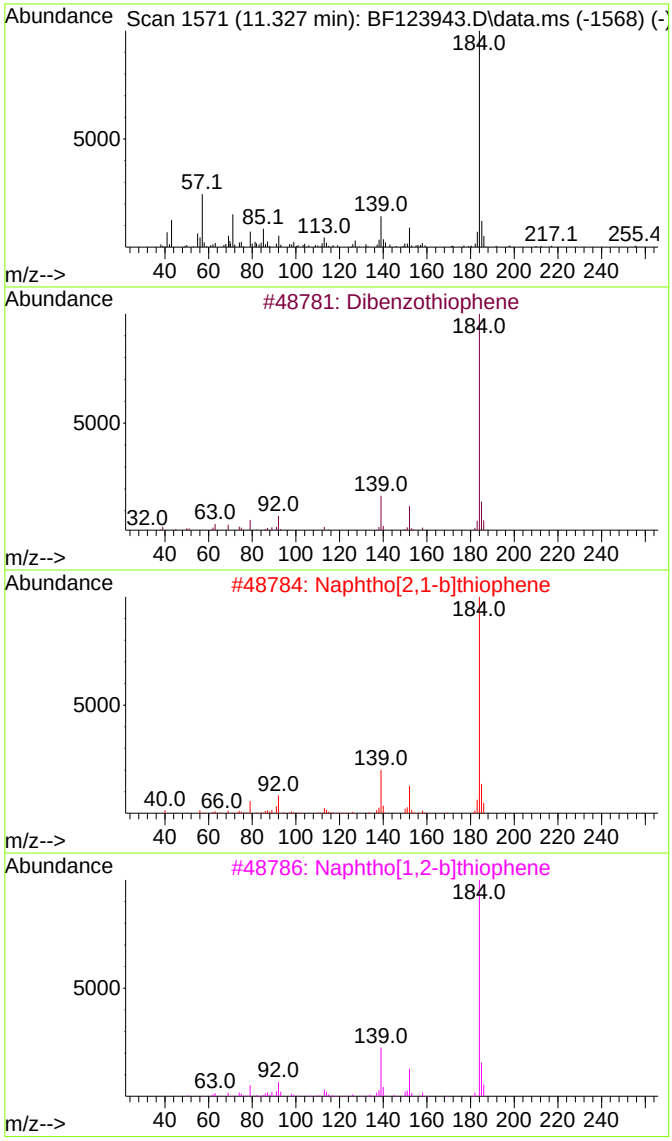
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

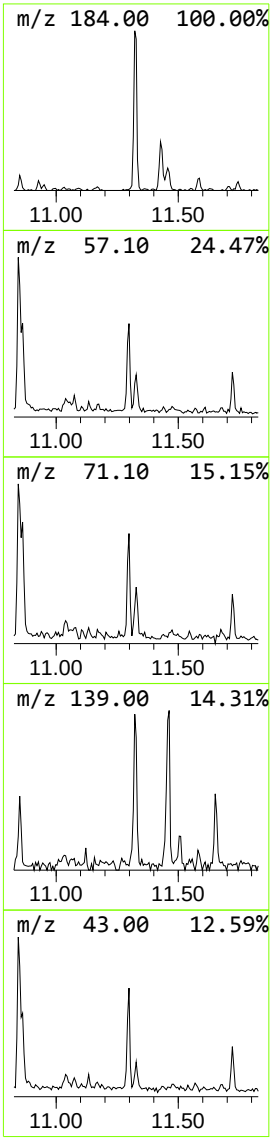
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.327	12.12 ng	253056	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

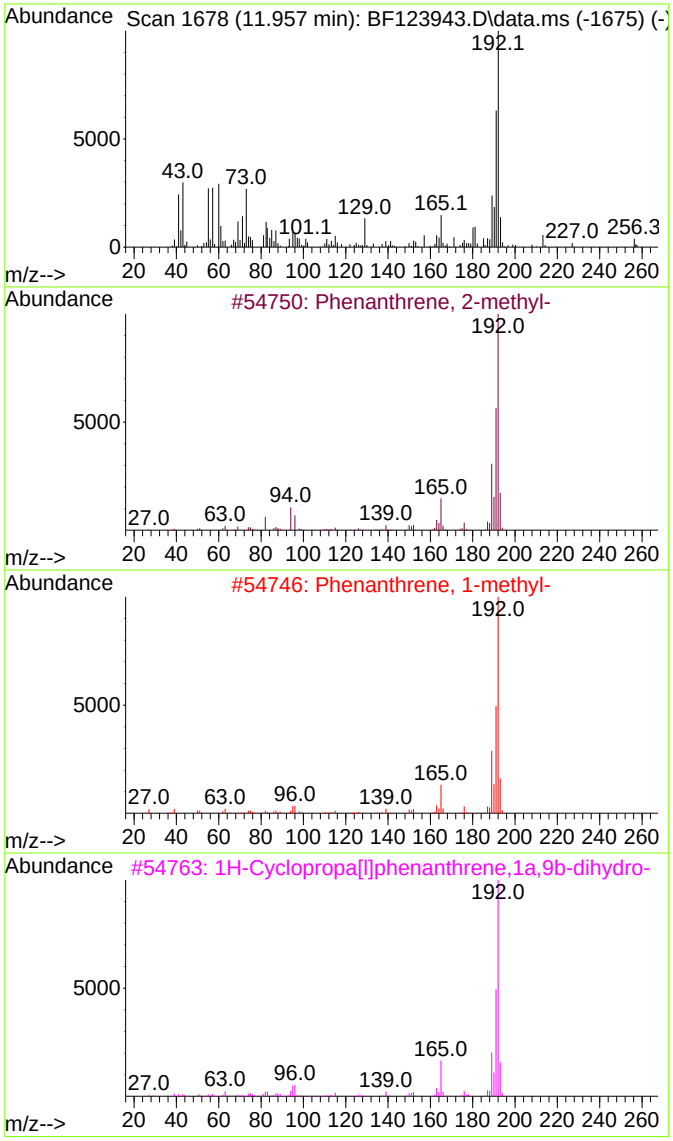
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

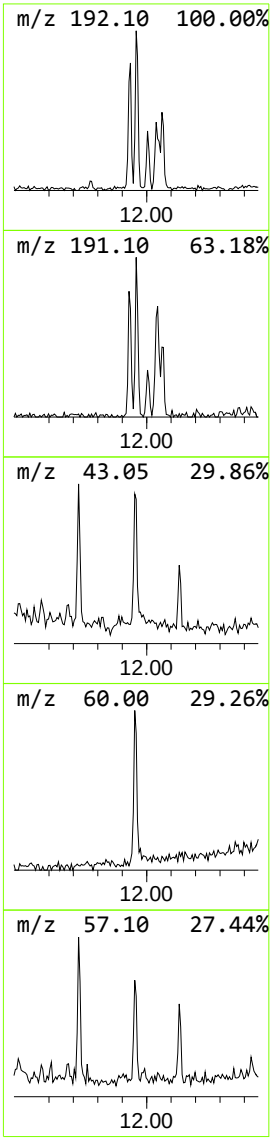
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	16.24 ng	339045	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)

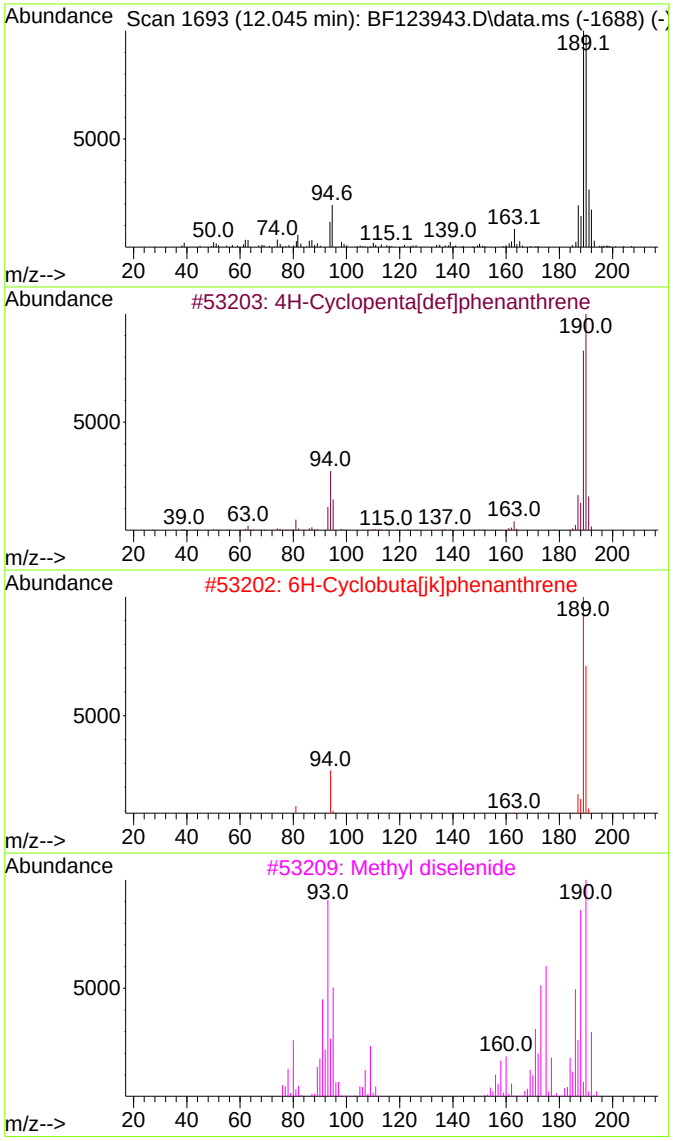
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

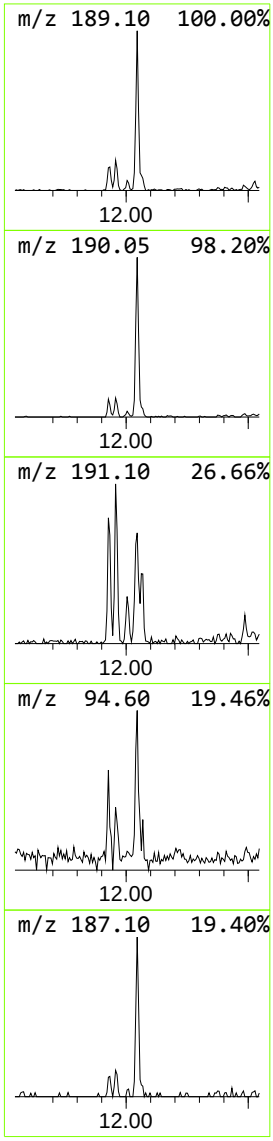
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	14.11 ng	294633	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	86
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123943.D
Acq On : 15 May 2021 14:10
Operator : JU/CG
Sample : M2383-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-02(7.5-9.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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
Butane, 2-metho...	2.187	50.3	ng	705027	1	6.904	280391	20.0
Pyridine, 2-met...	4.745	57.1	ng	800260	1	6.904	280391	20.0
Pyridine, 3-met...	5.351	18.8	ng	263048	1	6.904	280391	20.0
Pyridine, 2,3-d...	5.645	45.2	ng	633769	1	6.904	280391	20.0
Pyridine, 2,4-d...	6.092	27.3	ng	382682	1	6.904	280391	20.0
Pyridine, 2,5-d...	6.116	26.7	ng	374908	1	6.904	280391	20.0
Pyridine, 2,6-d...	6.228	19.4	ng	271328	1	6.904	280391	20.0
Benzene, 1,2,3-...	6.728	26.4	ng	369679	1	6.904	280391	20.0
1-Propyne, 3-ph...	7.163	23.7	ng	332307	1	6.904	280391	20.0
Quinoline	8.533	49.8	ng	519034	2	8.192	208417	20.0
Isoquinoline	8.680	30.4	ng	316576	2	8.192	208417	20.0
Tridecane	8.775	18.6	ng	193943	2	8.192	208417	20.0
Naphthalene, 2,...	9.527	24.2	ng	497569	3	9.939	410493	20.0
Naphthalene, 1,...	9.598	19.6	ng	403027	3	9.939	410493	20.0
Tridecane, 6-me...	10.845	20.1	ng	419646	4	11.427	417480	20.0
Eicosane	11.298	12.5	ng	261223	4	11.427	417480	20.0
Dibenzothiophene	11.327	12.1	ng	253056	4	11.427	417480	20.0
Phenanthrene, 2...	11.957	16.2	ng	339045	4	11.427	417480	20.0
4H-Cyclopenta[d...	12.045	14.1	ng	294633	4	11.427	417480	20.0