LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123954.D
Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01-05112021

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: BF123954.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	11	15	rBV	106508	132378	11.57%	1.442%
2	3.446	228	231	240	rBV2	11211	22146	1.93%	0.241%
3	4.734	447	450	457	rBV	224080	234546	20.49%	2.555%
4	5.351	552	555	559	rBV	97654	108114	9.45%	1.178%
5	5.387	559	561	566	rVB	14965	15521	1.36%	0.169%
6	5.510	576	582	587	rBV	121230	183119	16.00%	1.995%
7	5.616	596	600	603	rBV	268188	243684	21.29%	2.655%
8	5.751	619	623	629	rBV2	18646	28243	2.47%	0.308%
9	6.093	677	681	683	rBV	232726	199277	17.41%	2.171%
10	6.116	683	685	689	rVB	98902	79856	6.98%	0.870%
11	6.228	701	704	709	rBB	116644	95011	8.30%	1.035%
12	6.516	748	753	757	rBV2	210375	208767	18.24%	2.275%
13	6.657	774	777	780	rBV	53001	40753	3.56%	0.444%
14	6.728	786	789	793	rBV	84268	74105	6.47%	0.807%
15	6.792	798	800	803	rVB	74736	54706	4.78%	0.596%
16	6.904	815	819	822	rBV	326622	248273	21.69%	2.705%
17	6.963	826	829	832	rBV	31368	23539	2.06%	0.256%
18	7.087	847	850	853	rVB	21889	16102	1.41%	0.175%
19	7.163	858	863	868	rBV	97805	105641	9.23%	1.151%
20	7.457	910	913	916	rVB	154764	113620	9.93%	1.238%
21	7.763	961	965	969	rBV	60564	55353	4.84%	0.603%
22	7.928	991	993	999	rVB3	19127	20555	1.80%	0.224%
23	7.975	999	1001	1005	rBV3	20369	21621	1.89%	0.236%
24	8.186	1032	1037	1039	rBV	341931	373946	32.67%	4.074%
25	8.210	1039	1041	1044	rVV	1364099	1144642	100.00%	12.471%
26	8.257	1046	1049	1051	rVB2	65271	51829	4.53%	0.565%
27	8.404	1070	1074	1077	rBV	19278	18606	1.63%	0.203%
28	8.463	1079	1084	1086	rBV3	26891	25004	2.18%	0.272%
29	8.539	1094	1097	1100	rVB	127219	110842	9.68%	1.208%
30	8.681	1119	1121	1128	rVB	70481	62207	5.43%	0.678%
31	8.781	1135	1138	1142	rBV2	32079	34337	3.00%	0.374%
32	8.898	1152	1158	1162	rVB2	292268	259649	22.68%	2.829%
33	8.951	1163	1167	1169	rBV	64405	56720	4.96%	0.618%
34	8.998	1169	1175	1180	rVB	109485	91256	7.97%	0.994%
35	9.228	1209	1214	1216	rBV3	17576	24191	2.11%	0.264%
36	9.257	1216	1219	1224	rVB	237848	206347	18.03%	2.248%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01-05112021

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	9.345	1230	1234	1235	rBV	19793	18813	1.64%	0.205%
38	9.363	1235	1237	1243	rVB2	68943	66568	5.82%	0.725%
39	9.457	1251	1253	1258	rVB3	16420	19141	1.67%	0.209%
40	9.533	1261	1266	1269	rBV4	41989	61069	5.34%	0.665%
41	9.598	1274	1277	1280	rVV3	45348	60609	5.30%	0.660%
42	9.628	1280	1282	1284	rVB2	29760	24143	2.11%	0.263%
43	9.651	1284	1286	1290	rBV2	13749	14650	1.28%	0.160%
44	9.716	1295	1297	1299	rBV2	27275	22740	1.99%	0.248%
45	9.804	1306	1312	1317	rBV	56755	61385	5.36%	0.669%
46	9.875	1321	1324	1326	rBV	28920	20344	1.78%	0.222%
47	9.939	1332	1335	1339	rVB	344710	301558	26.35%	3.286%
48	9.975	1339	1341	1344	rVB2	18152	15312	1.34%	0.167%
49	10.145	1366	1370	1373	rBV	135522	109148	9.54%	1.189%
50	10.186	1375	1377	1382	rVB5	16947	15669	1.37%	0.171%
51	10.257	1386	1389	1392	rBV2	13314	18124	1.58%	0.197%
52	10.286	1392	1394	1397	rBV2	26117	21061	1.84%	0.229%
53	10.375	1406	1409	1412	rVB	40435	36564	3.19%	0.398%
54	10.492	1425	1429	1432	rBV	251840	216979	18.96%	2.364%
55	10.598	1441	1447	1449	rVB2	20398	27365	2.39%	0.298%
56	10.645	1452	1455	1459	rVB	24344	22240	1.94%	0.242%
57	10.728	1465	1469	1472	rBV	140066	141997	12.41%	1.547%
58	10.845	1487	1489	1495	rBV2	55261	70456	6.16%	0.768%
59	11.016	1512	1518	1520	rBV4	21109	26651	2.33%	0.290%
60	11.039	1520	1522	1524	rVV2	24462	23073	2.02%	0.251%
61	11.063	1524	1526	1531	rVB4	18358	21734	1.90%	0.237%
62	11.298	1559	1566	1569	rBV3	39768	49770	4.35%	0.542%
63	11.327	1569	1571	1573	rVV	46266	35109	3.07%	0.383%
64	11.363	1573	1577	1580	rVB2	28503	25475	2.23%	0.278%
65	11.427	1585	1588	1590	rBV	318317	282204	24.65%	3.075%
66	11.451	1590	1592	1596	rVV	389509	332539	29.05%	3.623%
67	11.504	1599	1601	1604	rVV	105900	84086	7.35%	0.916%
68	11.551	1607	1609	1616	rVB	40326	37370	3.26%	0.407%
69	11.657	1623	1627	1628	rBV2	23229	23043	2.01%	0.251%
70	11.727	1636	1639	1642	rVB4	19234	15923	1.39%	0.173%
71	11.839	1655	1658	1663	rVB4	18160	18647	1.63%	0.203%
72	11.933	1669	1674	1675	rBV2	32304	28616	2.50%	0.312%
73	11.957	1675	1678	1683	rVB3	40320	46415	4.05%	0.506%
74	12.045	1688	1693	1695	rVV3	48248	50687	4.43%	0.552%
75	12.227	1721	1724	1726	rVB3	17123	16436	1.44%	0.179%
76	12.522	1771	1774	1777	rBV4	20004	22825	1.99%	0.249%

LSC Area Percent Report

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Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01-05112021

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

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Peak separation: 5

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

77	12.592	1780	1786	1790	rBV8	12674	18847	1.65%	0.205%
78	12.657	1793	1797	1800	rVV	206994	167422	14.63%	1.824%
79	12.739	1809	1811	1815	rBV3	17021	21775	1.90%	0.237%
80	12.798	1819	1821	1823	rVB	16414	14361	1.25%	0.156%
81	12.874	1831	1834	1837	rVB	160068	131151	11.46%	1.429%
82	13.016	1855	1858	1863	rVB	219611	200584	17.52%	2.185%
83	13.198	1887	1889	1892	rVB3	29075	22823	1.99%	0.249%
84	13.269	1895	1901	1904	rBV2	44429	59521	5.20%	0.648%
85	13.592	1954	1956	1959	rBV4	12454	15195	1.33%	0.166%
86	13.727	1969	1979	1982	rBV10	27411	81676	7.14%	0.890%
87	13.821	1992	1995	1998	rVB2	36546	33819	2.95%	0.368%
88	13.910	2007	2010	2013	rBV5	28158	27945	2.44%	0.304%
89	14.068	2032	2037	2040	rBV2	371561	391301	34.19%	4.263%
90	14.092	2040	2041	2047	rVB	77258	65930	5.76%	0.718%
91	14.392	2087	2092	2094	rBV6	18781	33653	2.94%	0.367%
92	14.457	2101	2103	2107	rVB5	16409	16215	1.42%	0.177%
93	14.551	2115	2119	2122	rBV6	26760	26342	2.30%	0.287%
94	15.115	2207	2215	2219	rBV4	68605	157261	13.74%	1.713%
95	15.433	2260	2269	2274	rBV5	48118	100196	8.75%	1.092%
96	15.498	2276	2280	2282	rVB2	35989	39867	3.48%	0.434%
97	15.562	2287	2291	2295	rVV2	150364	189777	16.58%	2.068%
98	15.598	2295	2297	2300	rVB4	16148	16168	1.41%	0.176%
99	17.062	2542	2546	2551	rVB6	20812	31132	2.72%	0.339%
100	17.515	2622	2623	2631	rVB7	21709	24327	2.13%	0.265%

Sum of corrected areas: 9178332

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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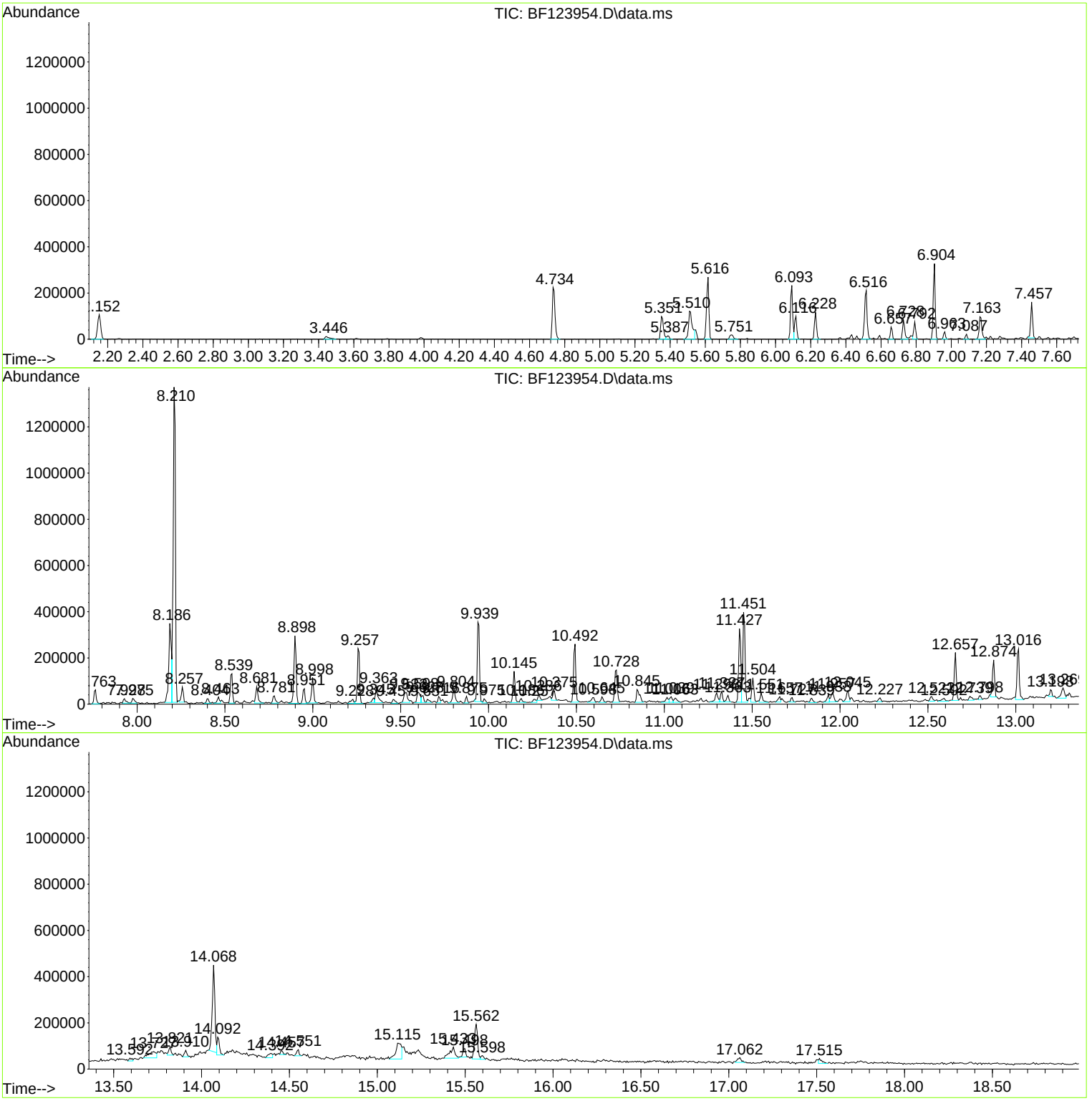
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-05112021

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 : BF123954.D
Acq On : 15 May 2021 19:58
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Instrument :
BNA_F
ClientSampleId :
DUP-01-05112021

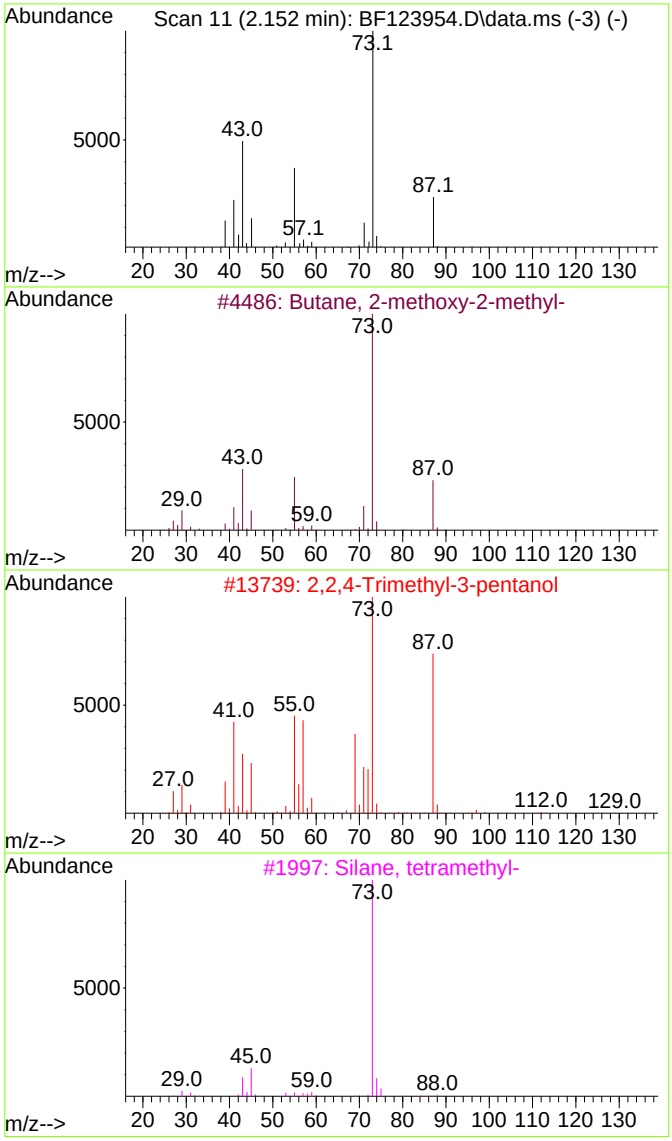
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

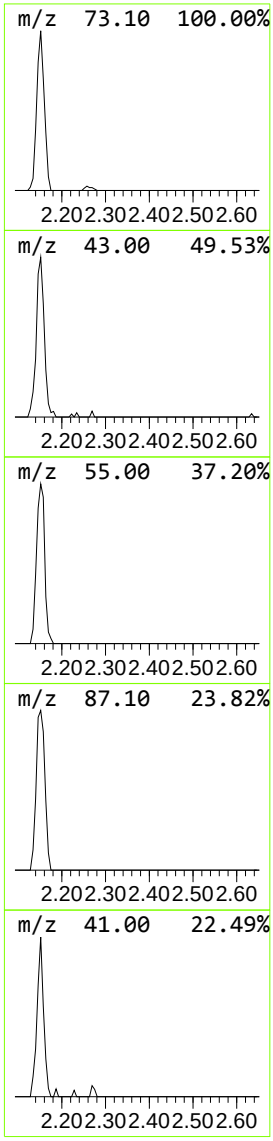
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	10.66 ng	132378	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123954.D
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Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-05112021

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

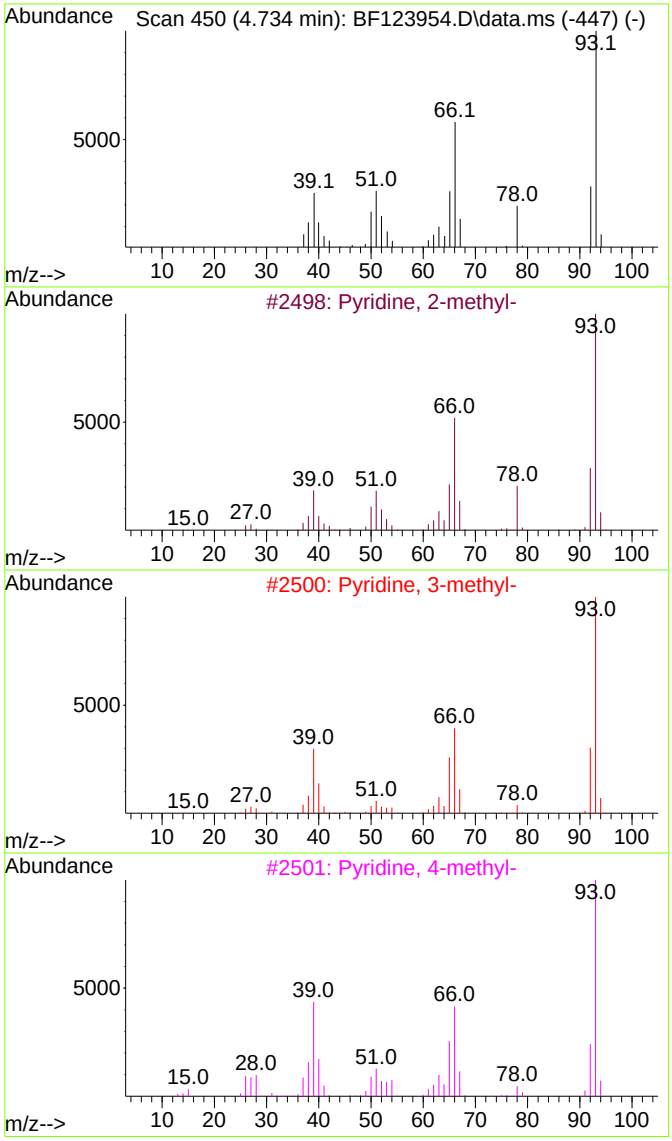
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

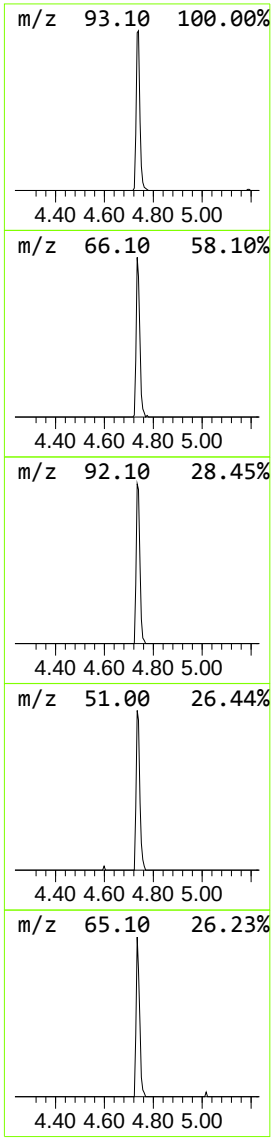
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.734	18.89 ng	234546	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	97
2	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	93
3	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	93
4	Aniline	93	C6H7N	000062-53-3	87
5	Silanediamine, 1,1-dimethyl-N,N'...	242	C14H18N2Si	013435-09-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

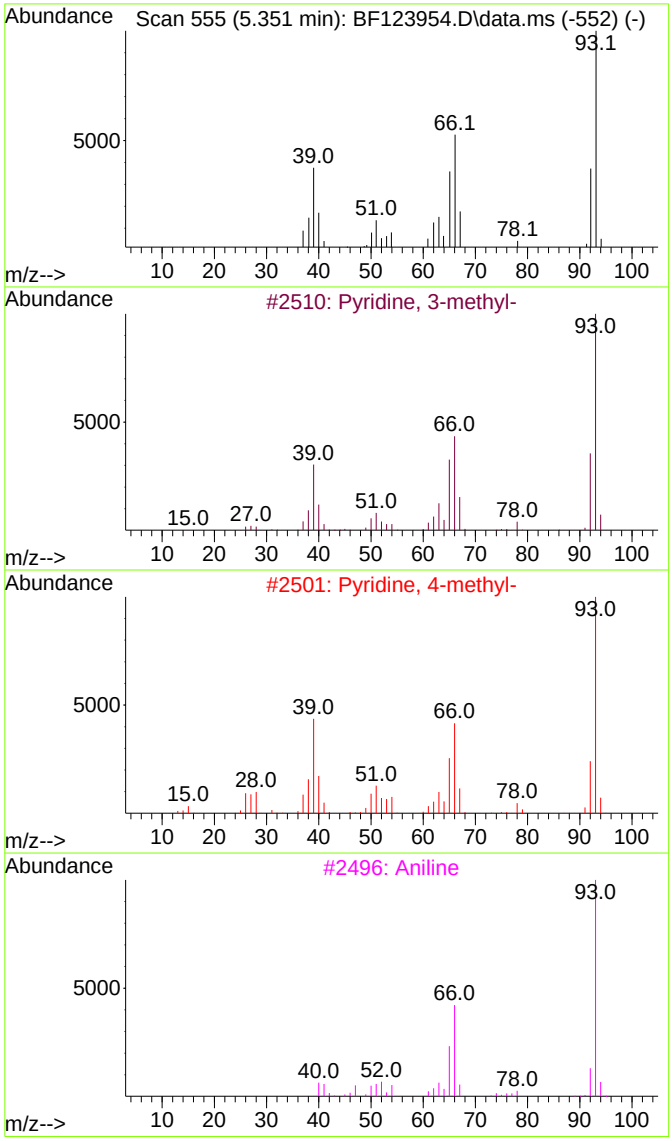
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

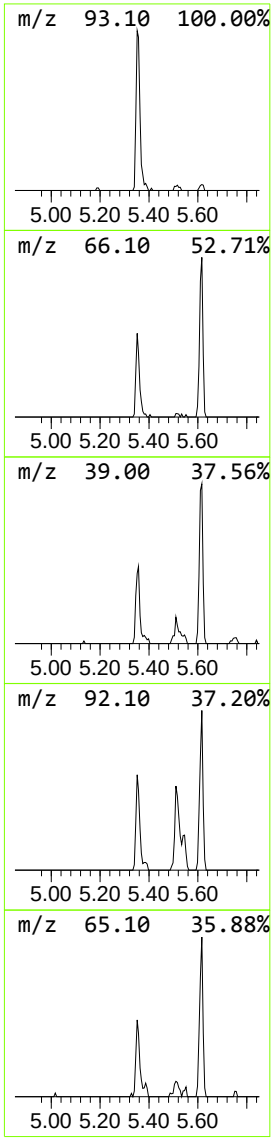
****

Peak Number 3 Pyridine, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.351	8.71 ng	108114	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	94
2	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91
3	Aniline	93	C6H7N	000062-53-3	72
4	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	64
5	1H-Pyrazole-4-carbonitrile	93	C4H3N3	031108-57-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123954.D
Acq On : 15 May 2021 19:58
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Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-05112021

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

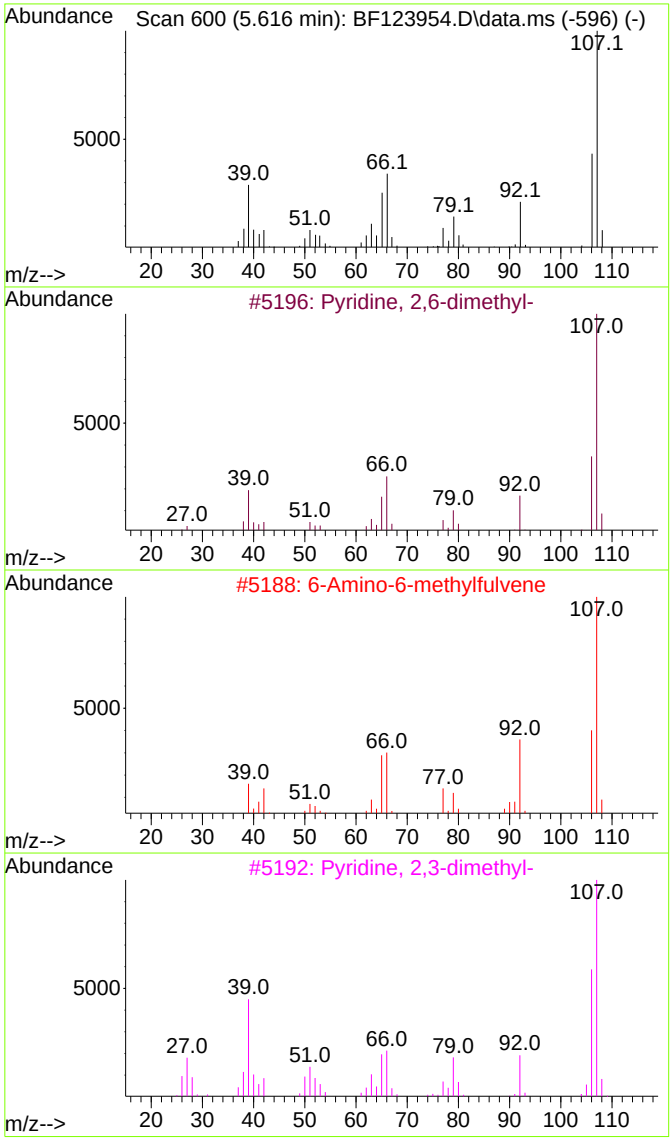
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

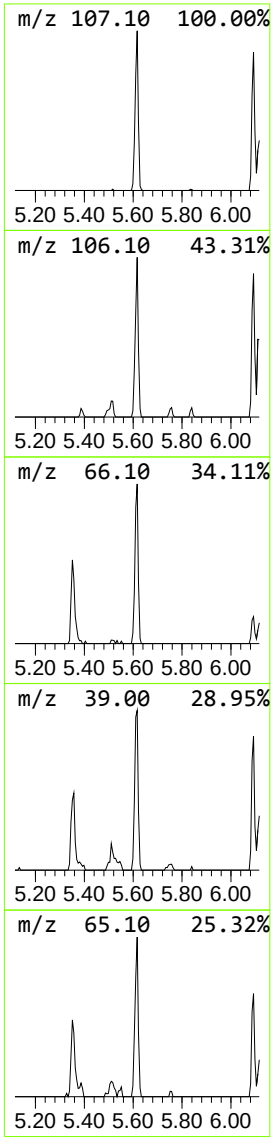
****

Peak Number 4 Pyridine, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.616	19.63 ng	243684	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	97
2	6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	87
3	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	64
4	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	60
5	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123954.D
Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-05112021

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

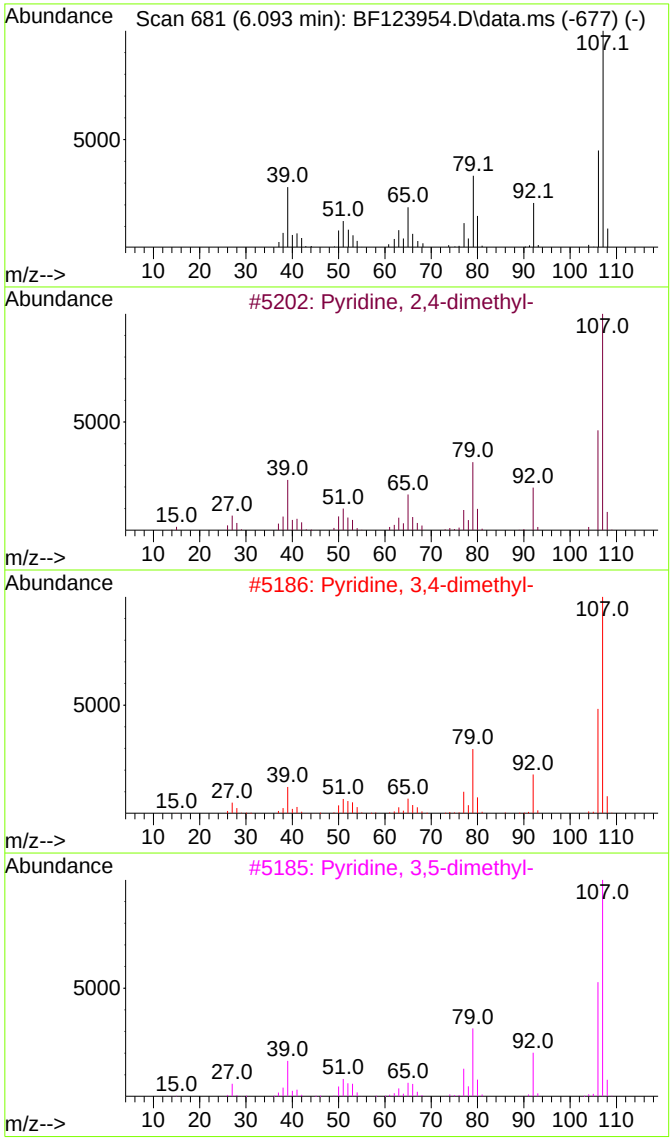
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

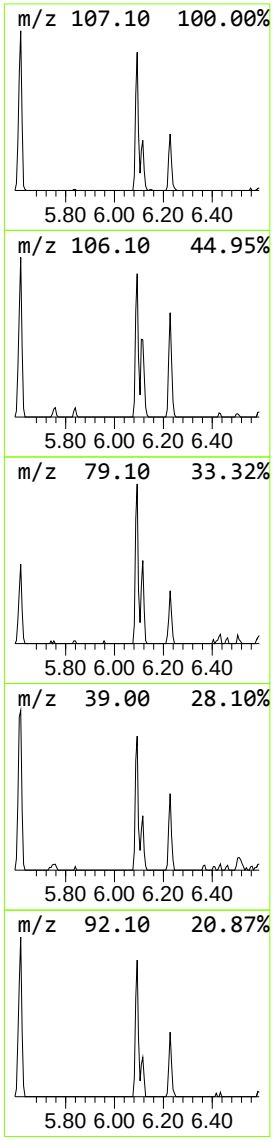
****

Peak Number 5 Pyridine, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.093	16.05 ng	199277	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, 3,4-dimethyl-	107	C7H9N	000583-58-4	94
3	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	91
4	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	90
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	87





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Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-01-05112021

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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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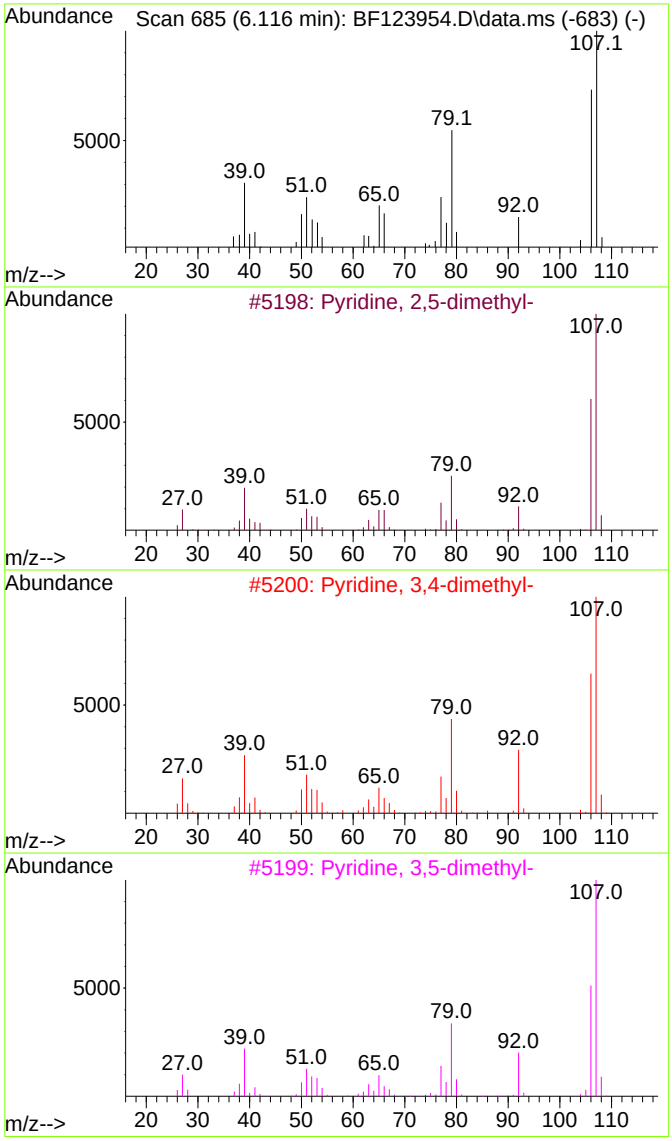
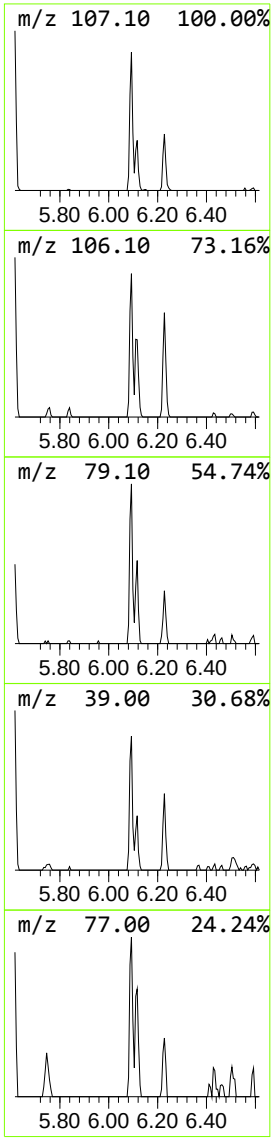
Peak Number 6 Pyridine, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.116	6.43 ng	79856	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	91
2	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	90
3	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	86
4	Pyridine, 4-ethyl-	107	C7H9N	000536-75-4	68
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	64





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Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
DUP-01-05112021

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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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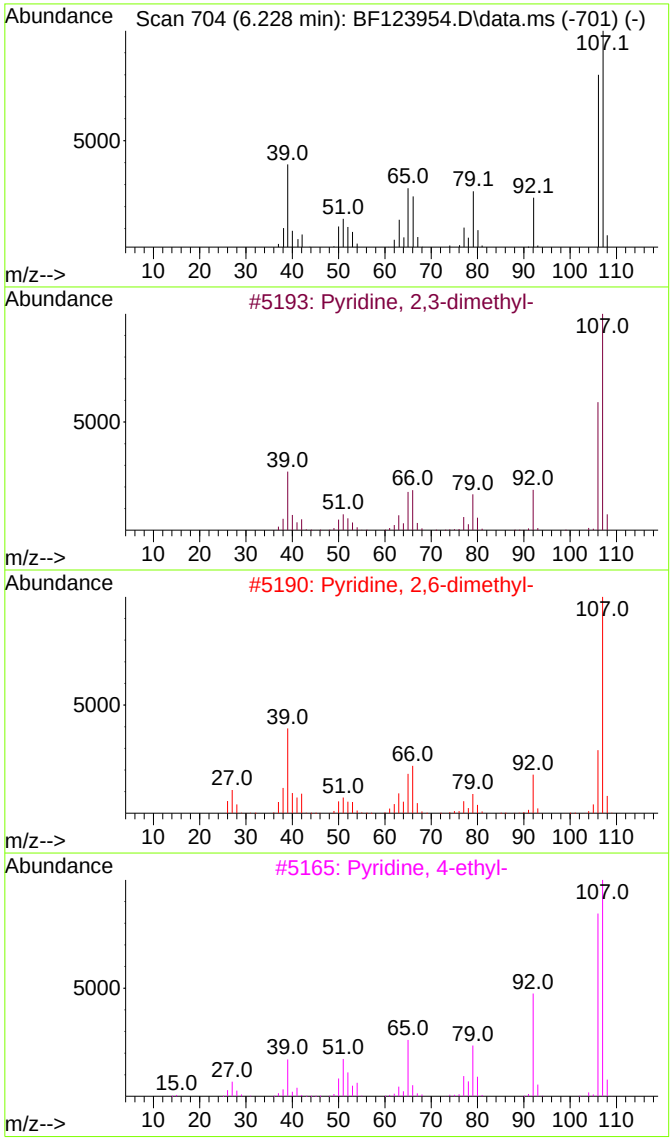
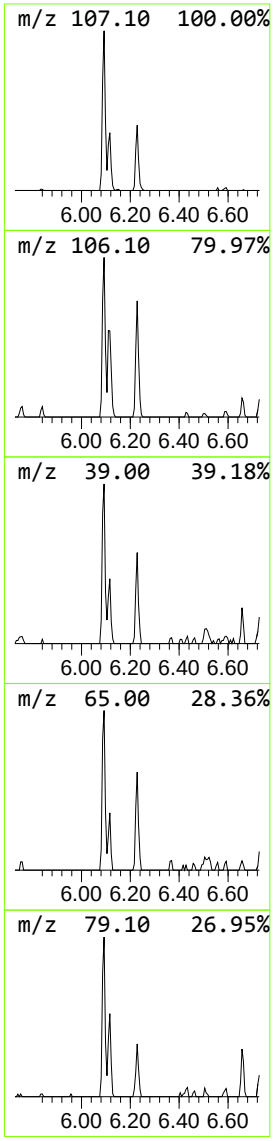
Peak Number 7 Pyridine, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.228	7.65 ng	95011	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	95
2	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	89
3	Pyridine, 4-ethyl-	107	C7H9N	000536-75-4	78
4	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	49
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	46





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ClientSampleId :
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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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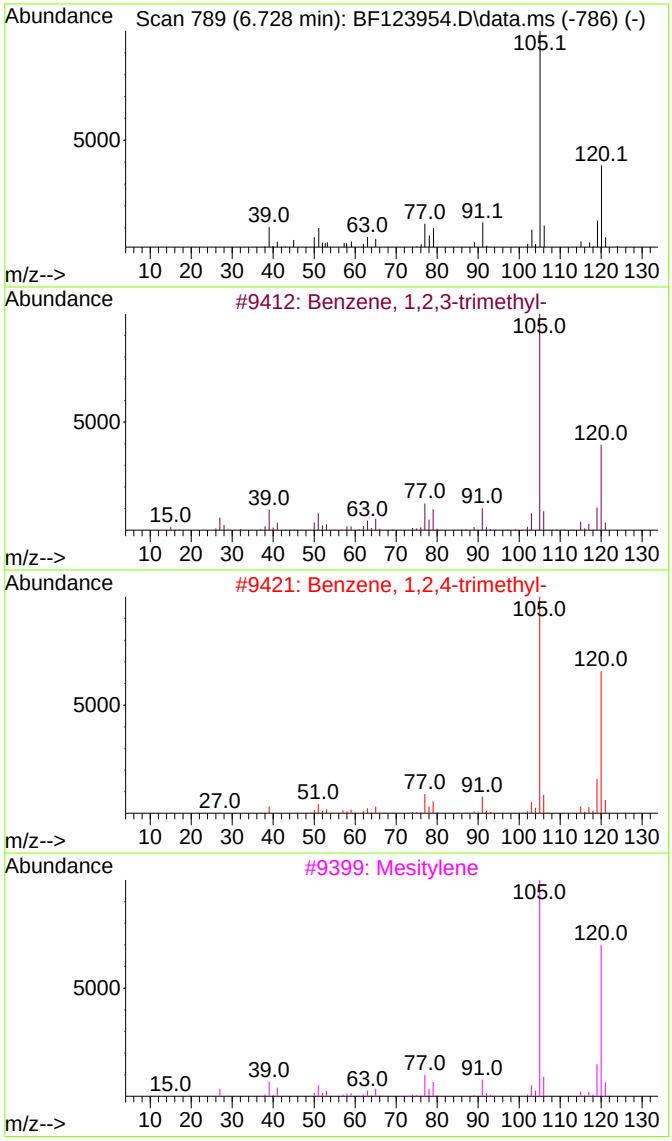
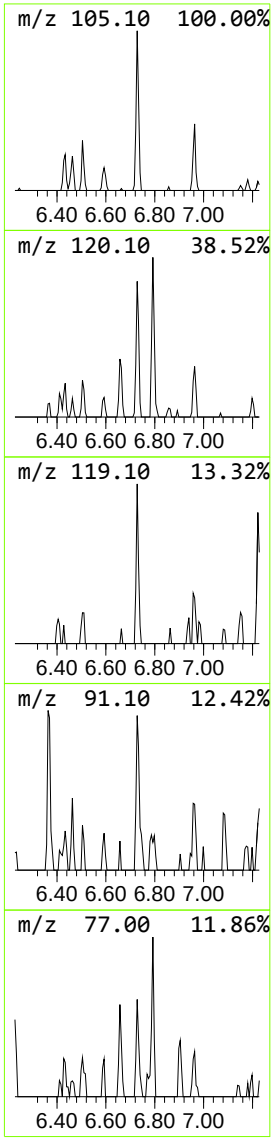
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	5.97 ng	74105	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	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
DUP-01-05112021

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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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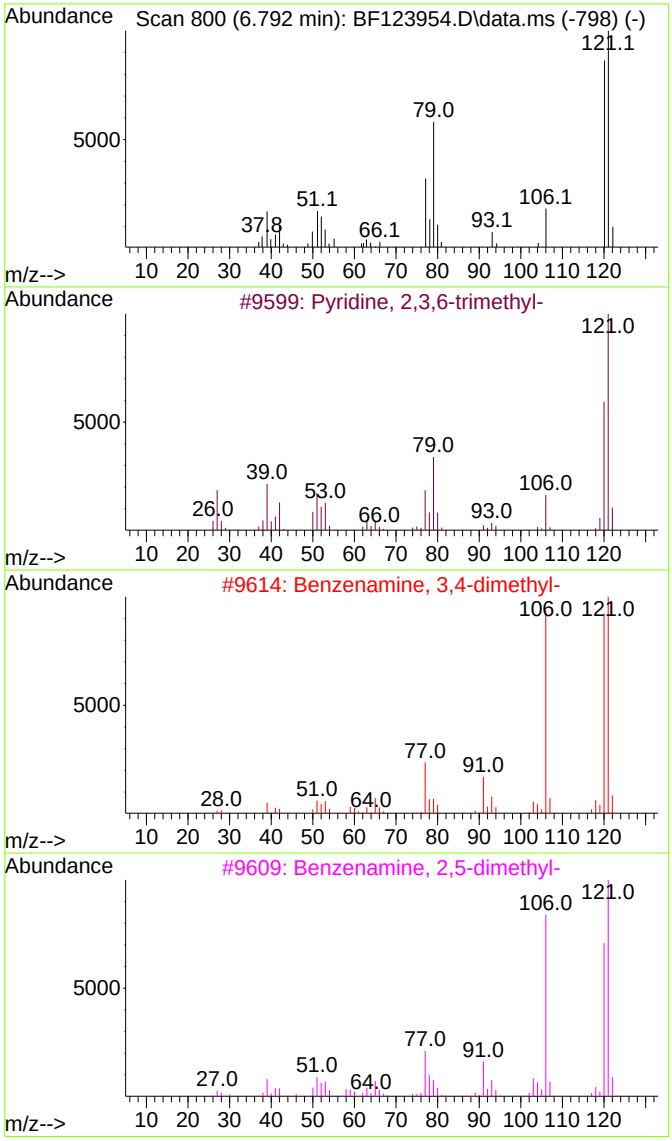
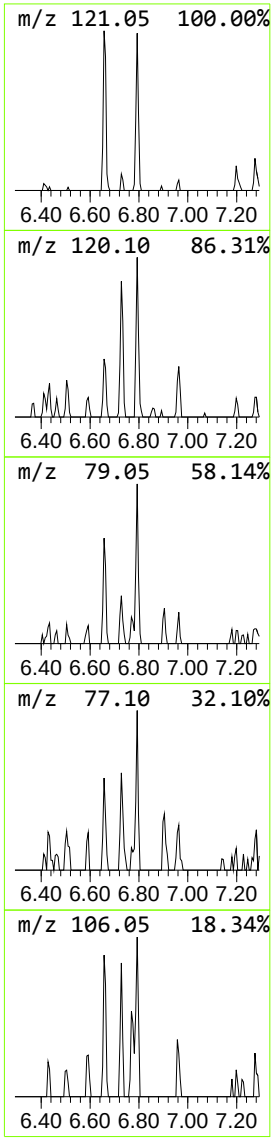
Peak Number 9 Pyridine, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.792	4.41 ng	54706	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3,6-trimethyl-	121	C8H11N	001462-84-6	72
2	Benzenamine, 3,4-dimethyl-	121	C8H11N	000095-64-7	64
3	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	59
4	2,6-Xylidine	121	C8H11N	000087-62-7	59
5	Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	59





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Misc :
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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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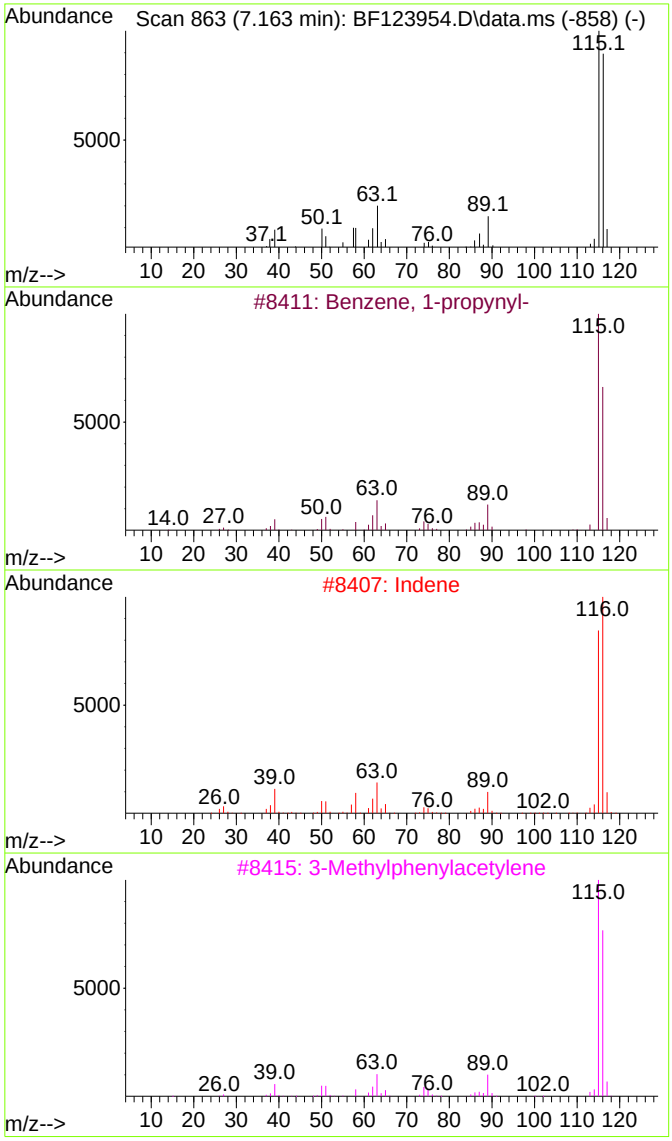
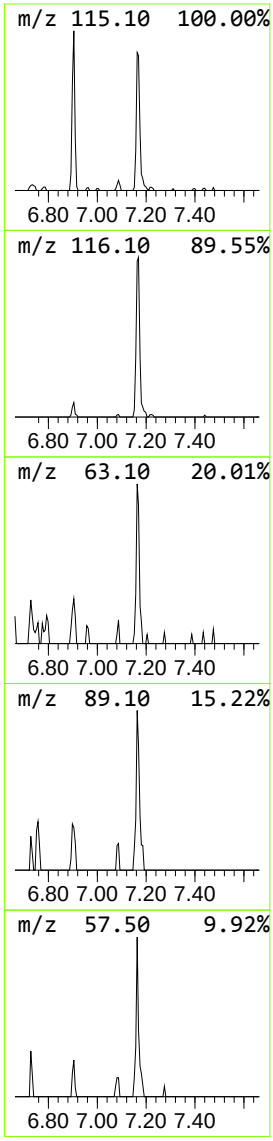
Peak Number 10 Benzene, 1-propynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	8.51 ng	105641	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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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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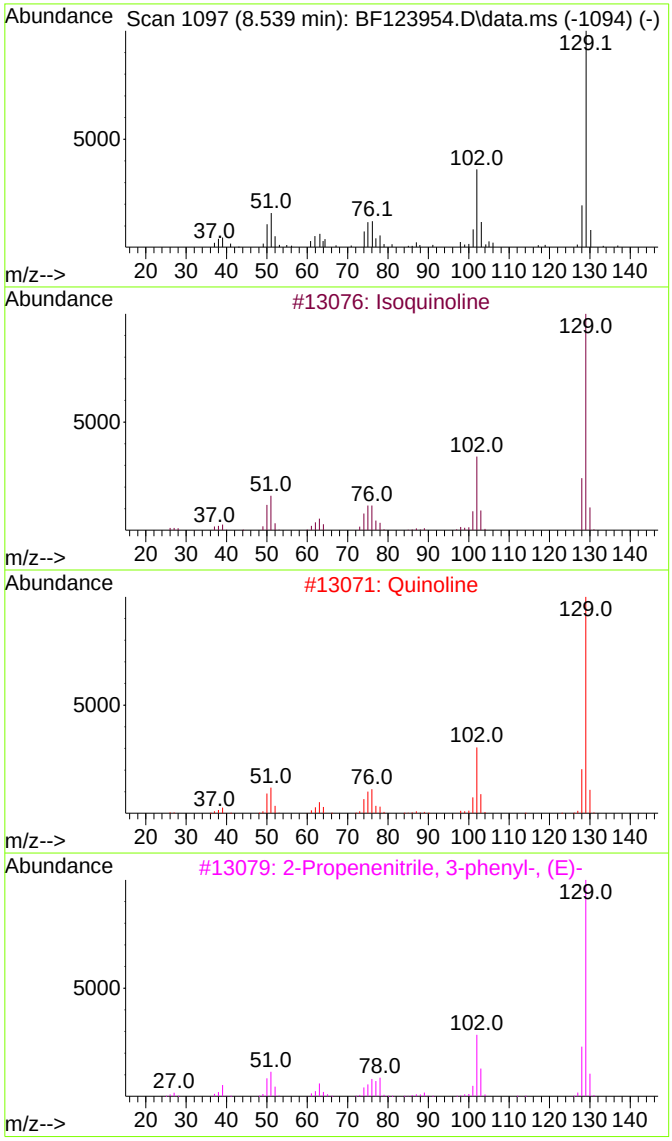
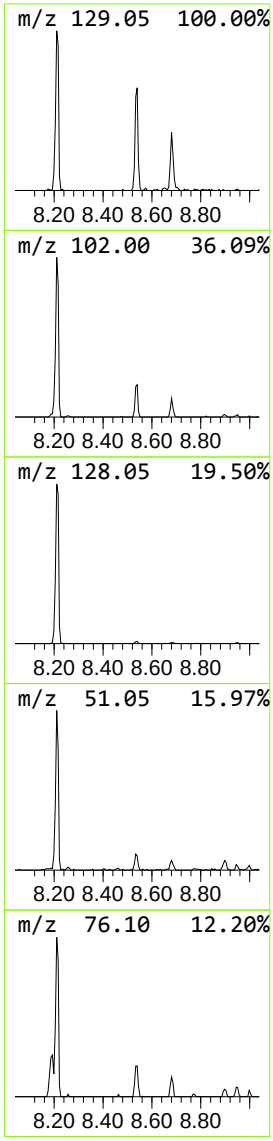
Peak Number 11 Isoquinoline Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	5.93 ng	110842	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	96
2	Quinoline	129	C9H7N	000091-22-5	96
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	91
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	90
5	1-Benzocyclobutenecarbonitrile	129	C9H7N	006809-91-2	74





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Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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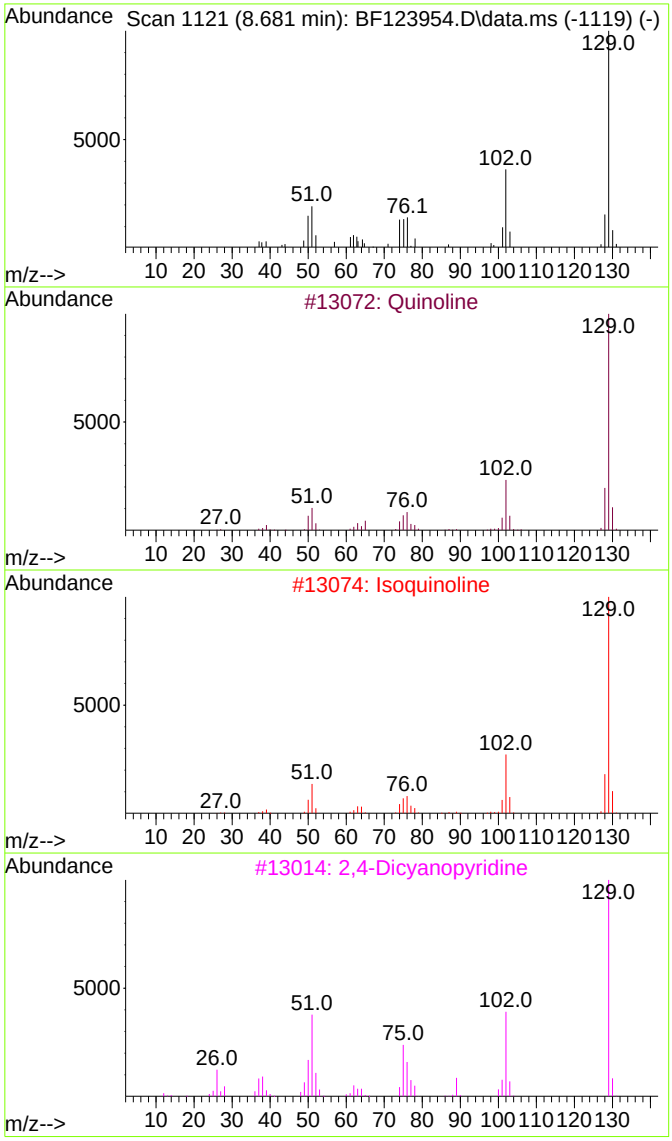
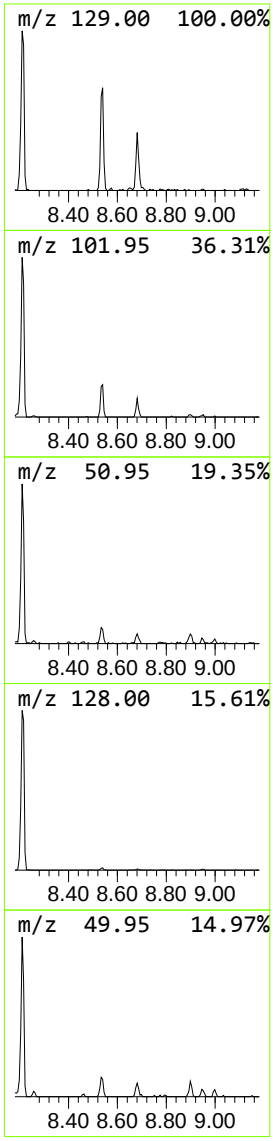
Peak Number 12 Quinoline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.681	3.33 ng	62207	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	94
2	Isoquinoline	129	C9H7N	000119-65-3	91
3	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	91
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	72
5	Pyridine-3,4-dicarbonitrile	129	C7H3N3	001633-44-9	72





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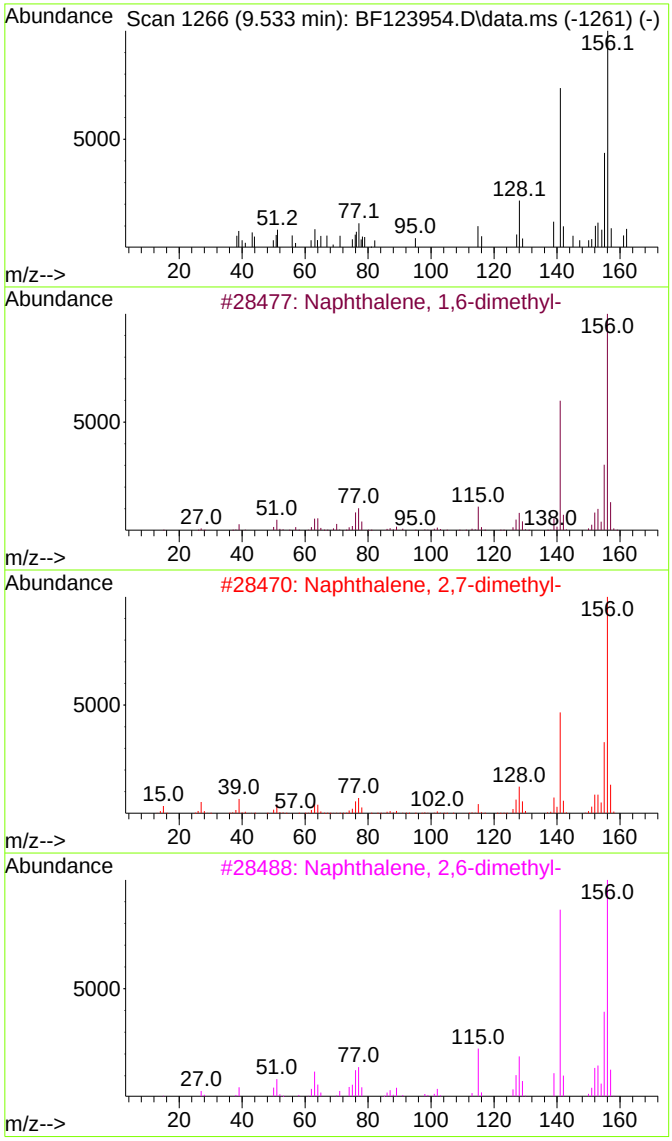
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

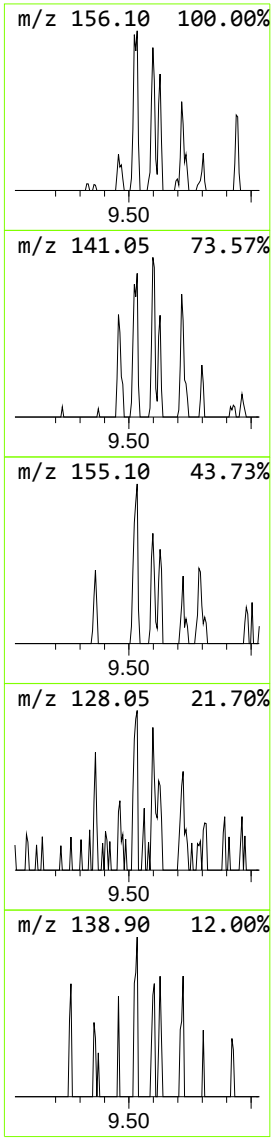
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	4.05 ng	61069	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83





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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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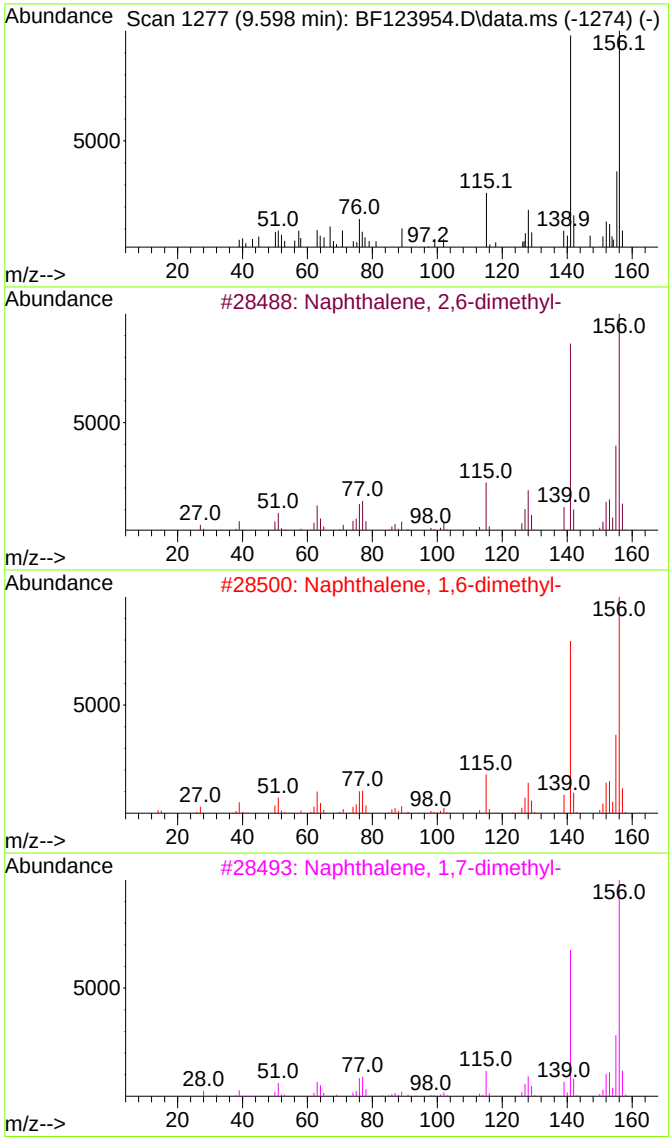
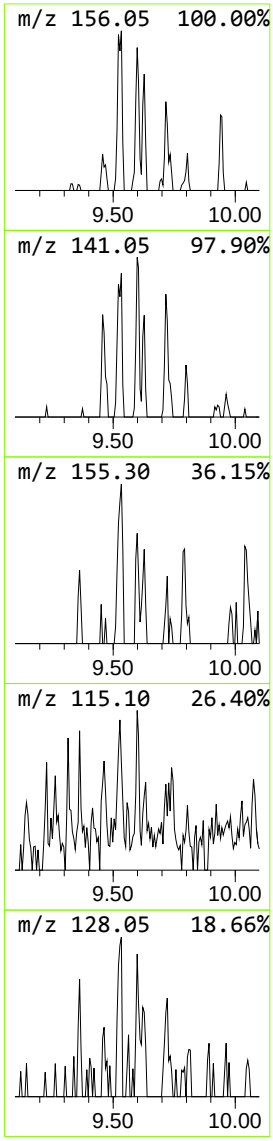
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	4.02 ng	60609	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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ALS Vial : 21 Sample Multiplier: 1

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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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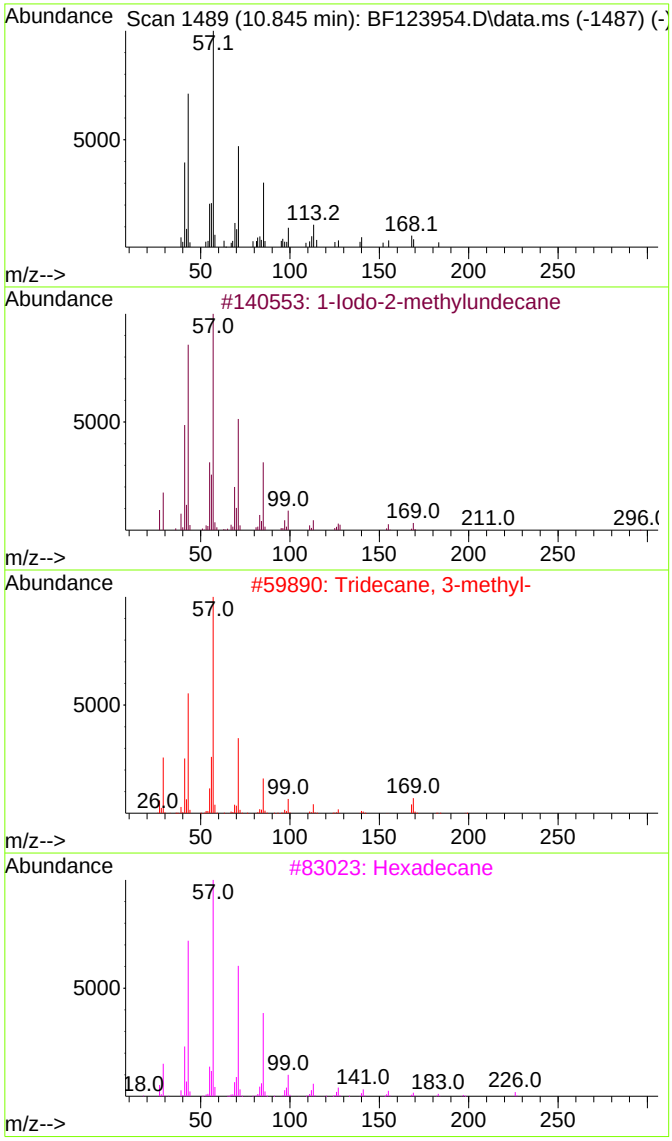
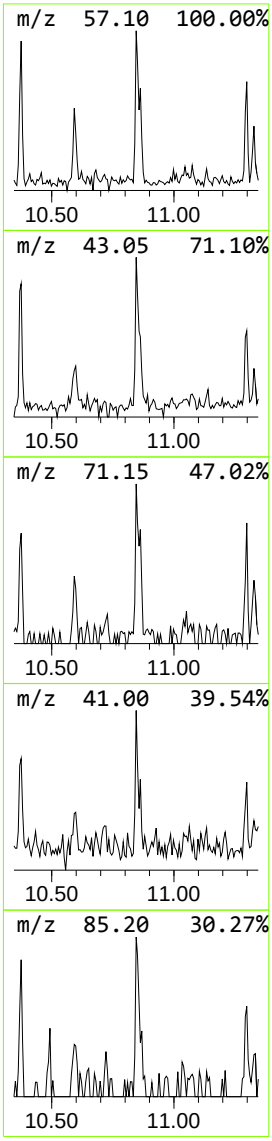
Peak Number 15 1-Iodo-2-methylundecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	4.99 ng	70456	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	78
3	Hexadecane	226	C16H34	000544-76-3	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59





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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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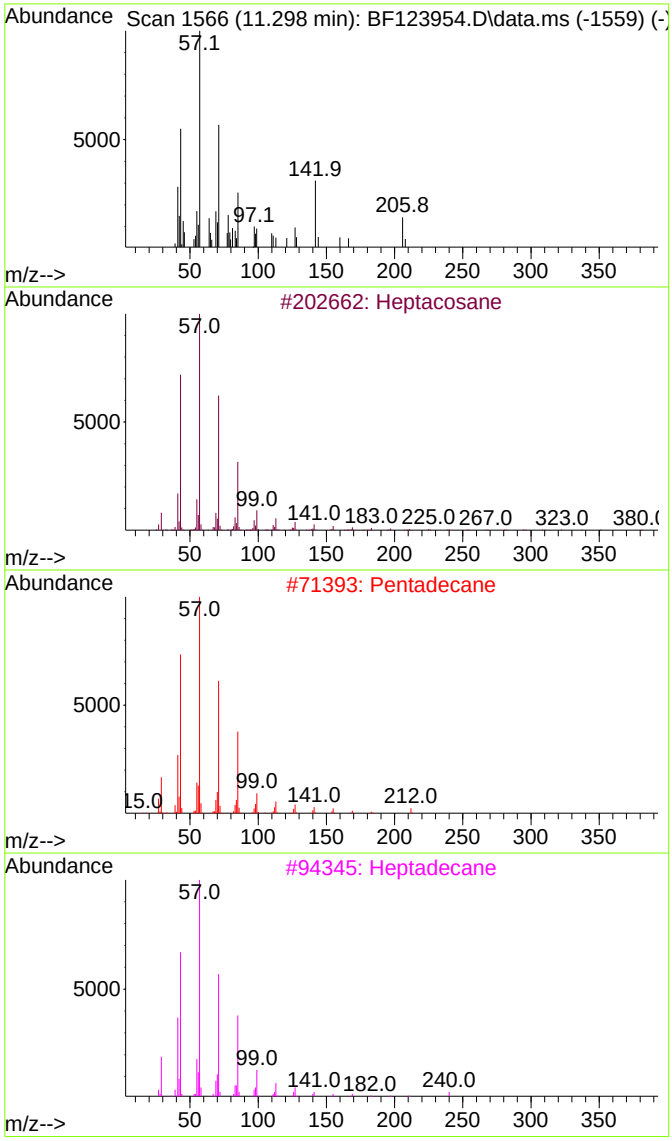
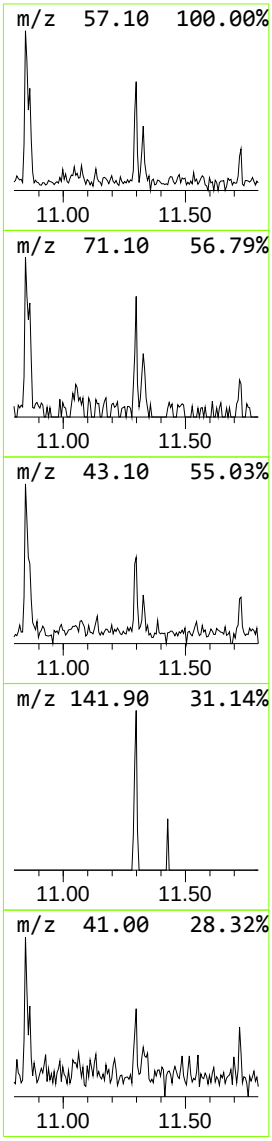
Peak Number 16 unknown11.298 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	3.53 ng	49770	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	47
2	Pentadecane	212	C15H32	000629-62-9	47
3	Heptadecane	240	C17H36	000629-78-7	47
4	Tridecane	184	C13H28	000629-50-5	47
5	Octacosane	394	C28H58	000630-02-4	47





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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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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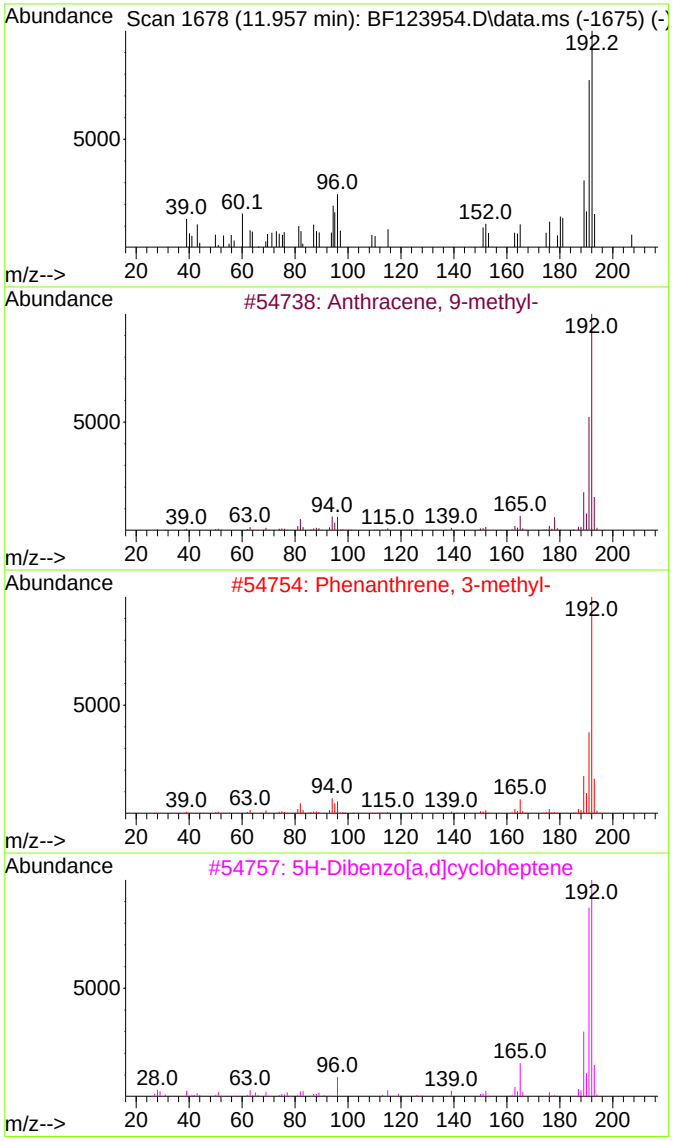
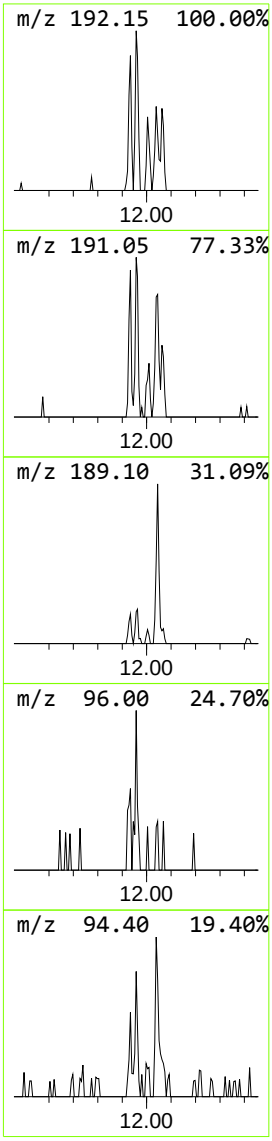
Peak Number 17 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.29 ng	46415	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	59
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	58
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123954.D
Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01-05112021

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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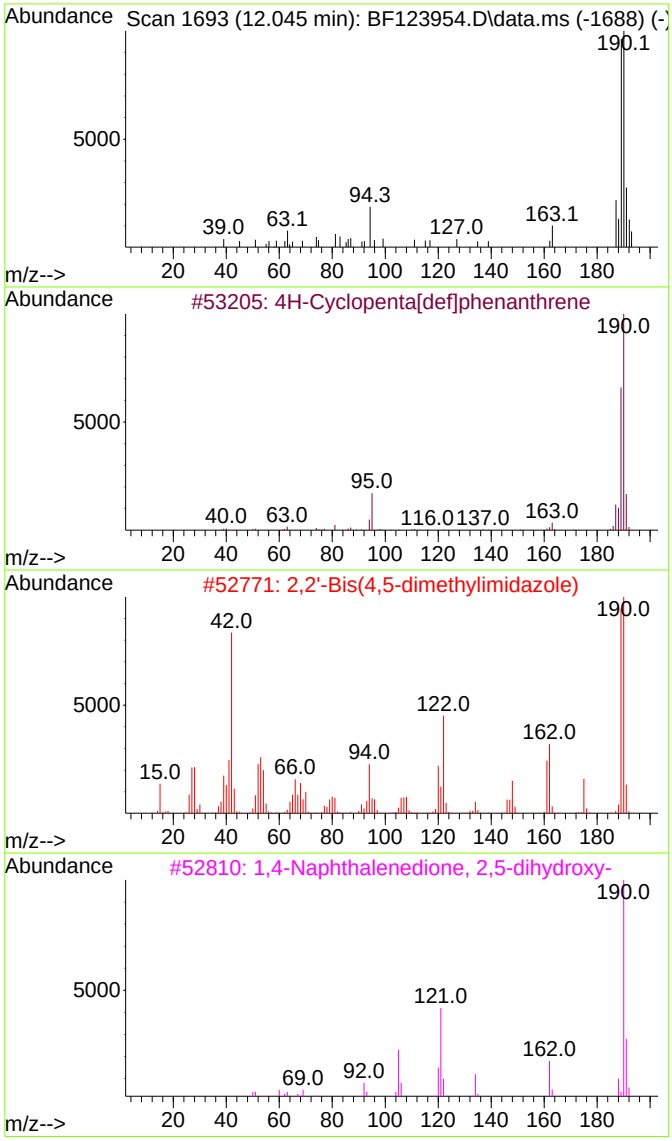
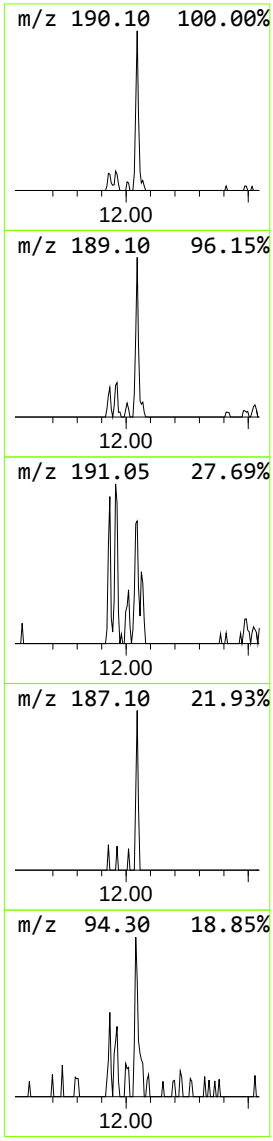
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	3.59 ng	50687	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	38
4	Methyl diselenide	190	C2H6Se2	007101-31-7	35
5	Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	20





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Data File : BF123954.D
Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-05112021

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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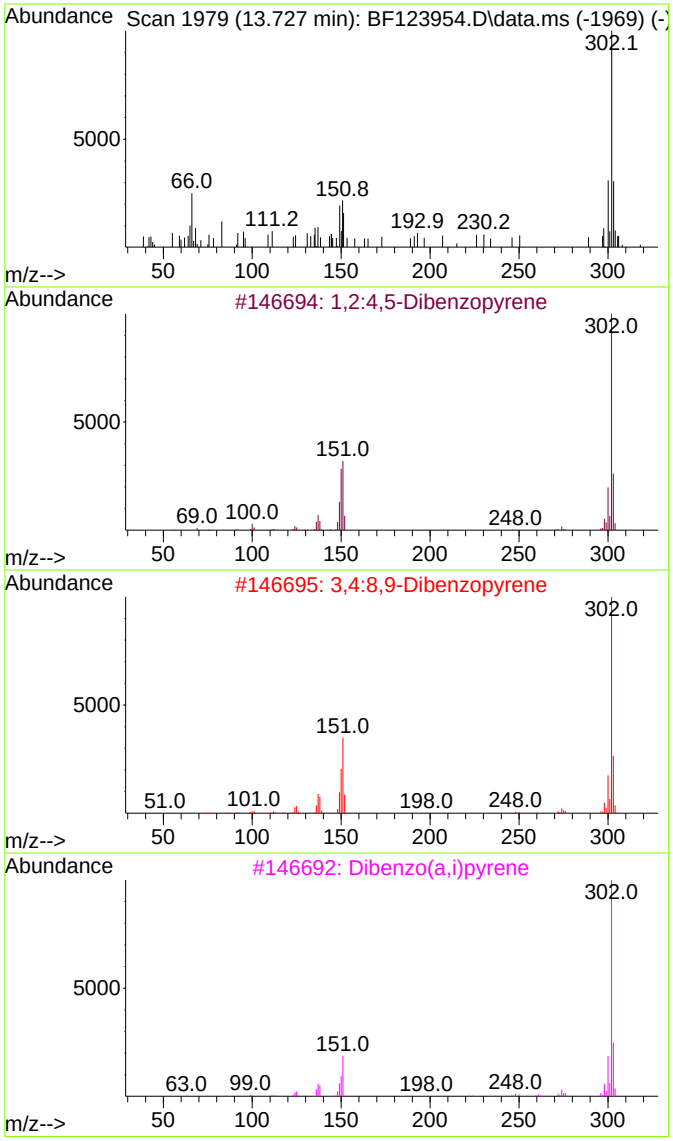
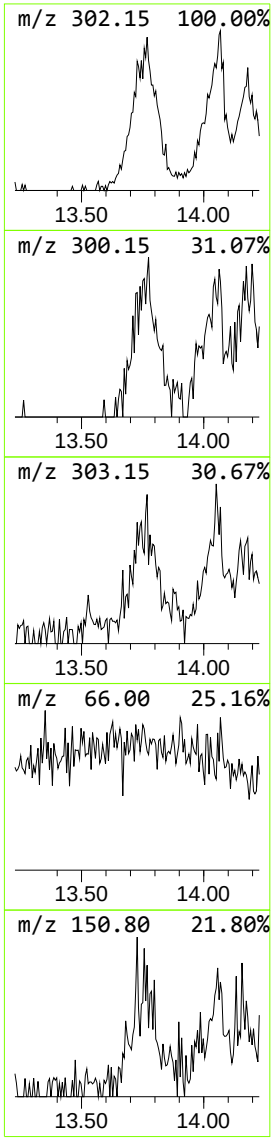
Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	4.17 ng	81676	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	72
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	68
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	47
4	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	45
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123954.D
Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01-05112021

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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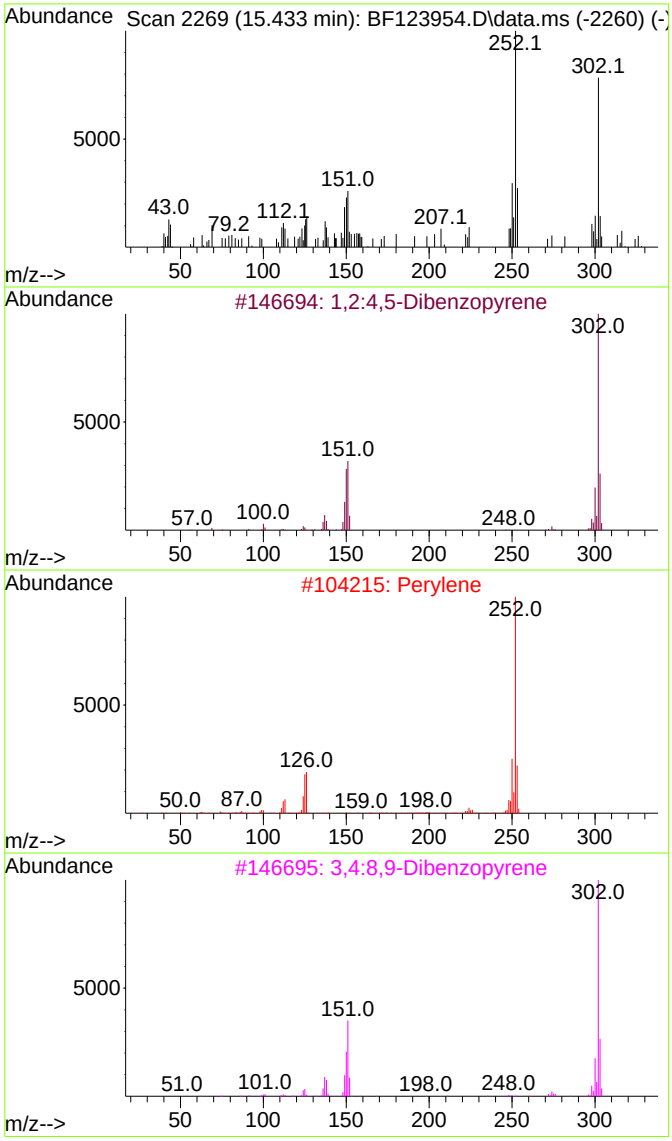
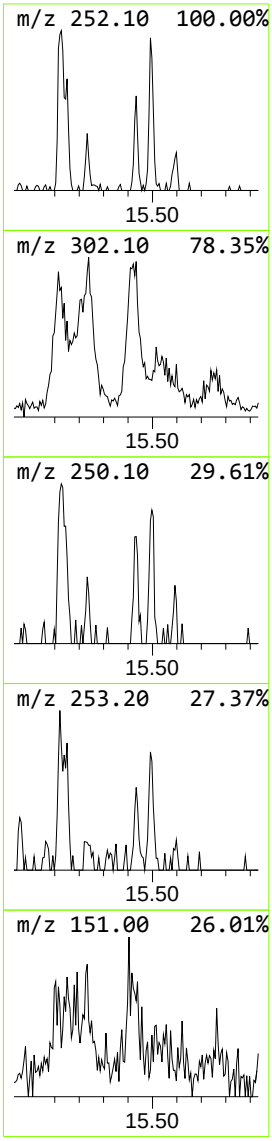
Peak Number 20 unknown15.433 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	10.56 ng	100196	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	38
2	Perylene	252	C20H12	000198-55-0	30
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	30
4	Benzo[a]pyrene	252	C20H12	000050-32-8	30
5	1-Phenyl-3-(4-methoxyphenyl)-2-p...	252	C16H16N2O	003314-43-0	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123954.D
Acq On : 15 May 2021 19:58
Operator : JU/CG
Sample : M2383-06 5X
Misc :
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Instrument : BNA_F
ClientSampleId : DUP-01-05112021

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...	2.152	10.7	ng	132378	1	6.904	248273	20.0
Pyridine, 2-met...	4.734	18.9	ng	234546	1	6.904	248273	20.0
Pyridine, 3-met...	5.351	8.7	ng	108114	1	6.904	248273	20.0
Pyridine, 2,6-d...	5.616	19.6	ng	243684	1	6.904	248273	20.0
Pyridine, 2,4-d...	6.093	16.1	ng	199277	1	6.904	248273	20.0
Pyridine, 2,5-d...	6.116	6.4	ng	79856	1	6.904	248273	20.0
Pyridine, 2,3-d...	6.228	7.7	ng	95011	1	6.904	248273	20.0
Benzene, 1,2,3-...	6.728	6.0	ng	74105	1	6.904	248273	20.0
Pyridine, 2,3,6...	6.792	4.4	ng	54706	1	6.904	248273	20.0
Benzene, 1-prop...	7.163	8.5	ng	105641	1	6.904	248273	20.0
Isoquinoline	8.539	5.9	ng	110842	2	8.186	373946	20.0
Quinoline	8.681	3.3	ng	62207	2	8.186	373946	20.0
Naphthalene, 1,...	9.533	4.0	ng	61069	3	9.939	301558	20.0
Naphthalene, 2,...	9.598	4.0	ng	60609	3	9.939	301558	20.0
1-Iodo-2-methyl...	10.845	5.0	ng	70456	4	11.428	282204	20.0
unknown11.298	11.298	3.5	ng	49770	4	11.428	282204	20.0
Anthracene, 9-m...	11.957	3.3	ng	46415	4	11.428	282204	20.0
4H-Cyclopenta[d...	12.045	3.6	ng	50687	4	11.428	282204	20.0
1,2:4,5-Dibenzo...	13.727	4.2	ng	81676	5	14.069	391301	20.0
unknown15.433	15.433	10.6	ng	100196	6	15.563	189777	20.0