LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134696.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.316	540	549	551	rBV	8069904	14777993	18.68%	1.636%
2	5.416	559	566	567	rBV	6739397	9731921	12.30%	1.077%
3	5.428	567	568	572	rVV2	6577245	5445620	6.88%	0.603%
4	5.669	600	609	612	rBV2	6840651	8709496	11.01%	0.964%
5	5.981	654	662	666	rBV	3981047	3830157	4.84%	0.424%
6	6.351	717	725	727	rBV	7763242	13215307	16.71%	1.463%
7	6.381	727	730	732	rVV	7502746	7778695	9.83%	0.861%
8	6.416	732	736	738	rVV	5359373	5377898	6.80%	0.595%
9	6.445	738	741	745	rVB	3017468	3108876	3.93%	0.344%
10	6.498	745	750	753	rBV	4295136	4030128	5.10%	0.446%
11	6.651	766	776	780	rBV3	7730356	16234376	20.52%	1.797%
12	6.875	805	814	817	rBV2	4200662	8209658	10.38%	0.909%
13	6.928	817	823	827	rVB2	2540727	5474559	6.92%	0.606%
14	7.028	827	840	843	rBV	9446883	25805250	32.62%	2.857%
15	7.063	843	846	849	rBV2	5683971	6301140	7.97%	0.698%
16	7.134	853	858	861	rBV2	7282996	9084160	11.48%	1.006%
17	7.351	889	895	897	rBV	6828816	8544117	10.80%	0.946%
18	7.381	897	900	902	rVV	4691555	4854496	6.14%	0.537%
19	7.581	928	934	936	rBV2	2531735	3626220	4.58%	0.401%
20	7.610	936	939	944	rVB	5171210	5703769	7.21%	0.631%
21	7.722	955	958	961	rVV2	2295592	3523431	4.45%	0.390%
22	7.769	961	966	972	rVB2	6645963	10978780	13.88%	1.216%
23	7.851	972	980	984	rBV6	7158832	20522534	25.95%	2.272%
24	7.904	984	989	994	rVV	6978854	17575079	22.22%	1.946%
25	7.969	997	1000	1009	rVB	2670569	3851692	4.87%	0.426%
26	8.222	1016	1043	1047	rBV2	13316274	79096918	100.00%	8.757%
27	8.457	1078	1083	1085	rBV	4297997	6409141	8.10%	0.710%
28	8.492	1085	1089	1091	rVV2	3123621	4086686	5.17%	0.452%
29	8.539	1095	1097	1099	rVV	3616414	4170607	5.27%	0.462%
30	8.563	1099	1101	1103	rVV2	4172757	4600138	5.82%	0.509%
31	8.604	1103	1108	1113	rVV2	4562801	7558575	9.56%	0.837%
32	8.657	1113	1117	1120	rVV3	2017340	3412819	4.31%	0.378%
33	8.763	1132	1135	1139	rVV2	2702514	5030104	6.36%	0.557%
34	8.863	1139	1152	1154	rVB	9972046	30289381	38.29%	3.353%
35	8.969	1158	1170	1173	rVV	10006501	27130952	34.30%	3.004%
36	9.169	1201	1204	1209	rVB	3708071	3813852	4.82%	0.422%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.286	1216	1224	1226	rBV	6266079	9927168	12.55%	1.099%
38	9.386	1235	1241	1245	rVB	6509949	14559134	18.41%	1.612%
39	9.463	1245	1254	1256	rBV	6581199	15248686	19.28%	1.688%
40	9.545	1260	1268	1269	rBV3	6033716	14975960	18.93%	1.658%
41	9.651	1281	1286	1292	rVB3	6104946	12831247	16.22%	1.421%
42	9.727	1292	1299	1303	rVB3	6730130	11496530	14.53%	1.273%
43	9.875	1318	1324	1325	rBV	4636370	6570713	8.31%	0.727%
44	9.933	1325	1334	1336	rVB2	8637258	21317084	26.95%	2.360%
45	9.969	1336	1340	1344	rVB	4298000	6162267	7.79%	0.682%
46	10.063	1352	1356	1360	rVV3	4874111	6435286	8.14%	0.712%
47	10.104	1360	1363	1366	rVB	4429286	4226379	5.34%	0.468%
48	10.174	1370	1375	1378	rBV2	5082310	8467530	10.71%	0.937%
49	10.210	1378	1381	1382	rVV	3745860	3450832	4.36%	0.382%
50	10.269	1386	1391	1394	rBV3	3919370	7798641	9.86%	0.863%
51	10.322	1397	1400	1402	rVB	5404596	5862680	7.41%	0.649%
52	10.351	1402	1405	1407	rBV2	2723008	3413499	4.32%	0.378%
53	10.386	1407	1411	1413	rVV2	3656813	4952959	6.26%	0.548%
54	10.427	1413	1418	1421	rVB	5137480	10215422	12.92%	1.131%
55	10.480	1421	1427	1428	rBV3	3246001	4779589	6.04%	0.529%
56	10.527	1432	1435	1437	rVV2	4025403	4541308	5.74%	0.503%
57	10.598	1444	1447	1449	rVB	3829346	4072927	5.15%	0.451%
58	10.645	1449	1455	1459	rBV3	5151356	9565683	12.09%	1.059%
59	10.769	1474	1476	1483	rVB2	3496772	4163176	5.26%	0.461%
60	10.963	1503	1509	1511	rBV2	3879526	6668301	8.43%	0.738%
61	10.992	1511	1514	1516	rVB2	3384858	3321489	4.20%	0.368%
62	11.045	1520	1523	1526	rBV	3197016	3479616	4.40%	0.385%
63	11.110	1531	1534	1536	rVV4	3250765	4462511	5.64%	0.494%
64	11.163	1540	1543	1547	rVV	3930646	5562810	7.03%	0.616%
65	11.257	1553	1559	1566	rVB2	5202793	9451929	11.95%	1.046%
66	11.427	1574	1588	1590	rBV	9129648	30842350	38.99%	3.415%
67	11.469	1590	1595	1598	rVV2	6297281	10357473	13.09%	1.147%
68	11.692	1628	1633	1640	rVB4	3618986	5437921	6.88%	0.602%
69	11.769	1643	1646	1650	rVB	3052540	3764617	4.76%	0.417%
70	11.874	1657	1664	1666	rBV	4952347	10274505	12.99%	1.138%
71	11.910	1666	1670	1673	rVB	5769240	9187560	11.62%	1.017%
72	11.957	1673	1678	1680	rBV	4377068	7685590	9.72%	0.851%
73	11.998	1680	1685	1687	rBV3	3646650	6422748	8.12%	0.711%
74	12.157	1708	1712	1715	rBV	3779664	4888167	6.18%	0.541%
75	12.304	1734	1737	1739	rVV	2792688	3082244	3.90%	0.341%
76	12.339	1739	1743	1745	rVV	3278496	3945665	4.99%	0.437%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.421	1751	1757	1760	rBV2	4907959	10267244	12.98%	1.137%
78	12.463	1760	1764	1766	rVV3	3943589	7138867	9.03%	0.790%
79	12.516	1769	1773	1778	rVB2	2745016	5225664	6.61%	0.579%
80	12.610	1780	1789	1791	rVV2	5146112	11677319	14.76%	1.293%
81	12.692	1798	1803	1806	rVB	5007670	7108048	8.99%	0.787%
82	12.839	1819	1828	1831	rBV2	6065092	16122833	20.38%	1.785%
83	13.033	1855	1861	1866	rVB3	4008168	7205041	9.11%	0.798%
84	13.121	1871	1876	1877	rBV2	2945026	4300547	5.44%	0.476%
85	13.215	1887	1892	1895	rVV	4697315	7490280	9.47%	0.829%
86	13.257	1895	1899	1904	rVB	4386308	6059103	7.66%	0.671%
87	13.315	1904	1909	1912	rBV	4144976	6803208	8.60%	0.753%
88	13.351	1912	1915	1917	rVV	3245250	4068950	5.14%	0.450%
89	13.380	1917	1920	1926	rVB	5105253	6811988	8.61%	0.754%
90	13.621	1956	1961	1966	rBV4	1981367	4913410	6.21%	0.544%
91	13.757	1978	1984	1987	rBV3	2462033	5118430	6.47%	0.567%
92	14.021	2020	2029	2031	rBV	6243928	16364299	20.69%	1.812%
93	14.404	2089	2094	2097	rVV2	4440386	7275007	9.20%	0.805%
94	14.551	2116	2119	2123	rVV2	3136147	4916419	6.22%	0.544%
95	15.068	2199	2207	2210	rBV	4429660	10529935	13.31%	1.166%
96	15.168	2219	2224	2228	rVB	2567836	3429827	4.34%	0.380%
97	15.368	2252	2258	2263	rVB	3570279	5963104	7.54%	0.660%
98	15.451	2263	2272	2275	rBV	4976068	10097497	12.77%	1.118%
99	16.998	2526	2535	2541	rVB2	2006340	4537132	5.74%	0.502%
100	17.456	2603	2613	2621	rVB	1642888	4029290	5.09%	0.446%

Sum of corrected areas: 903218163

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
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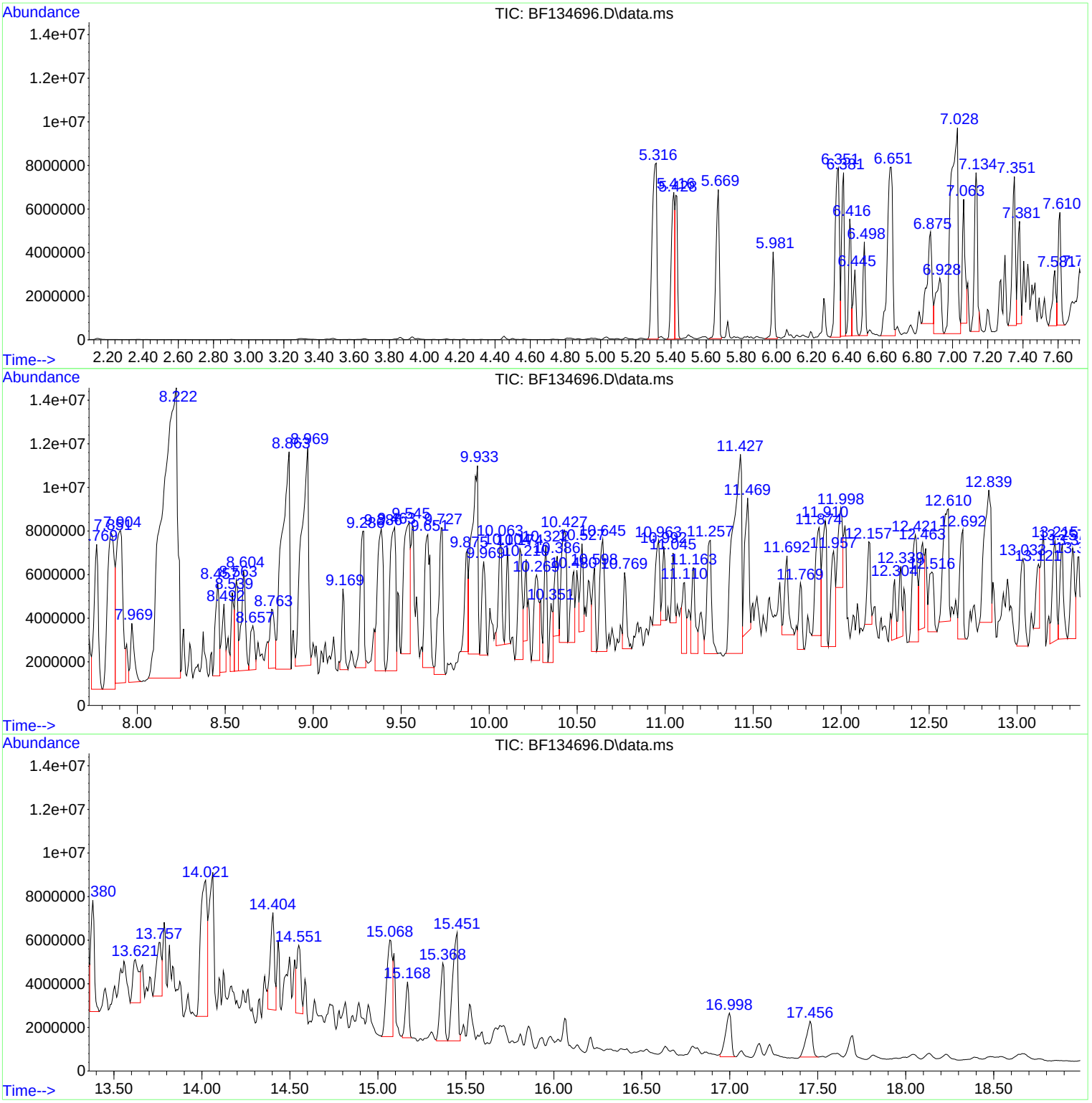
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

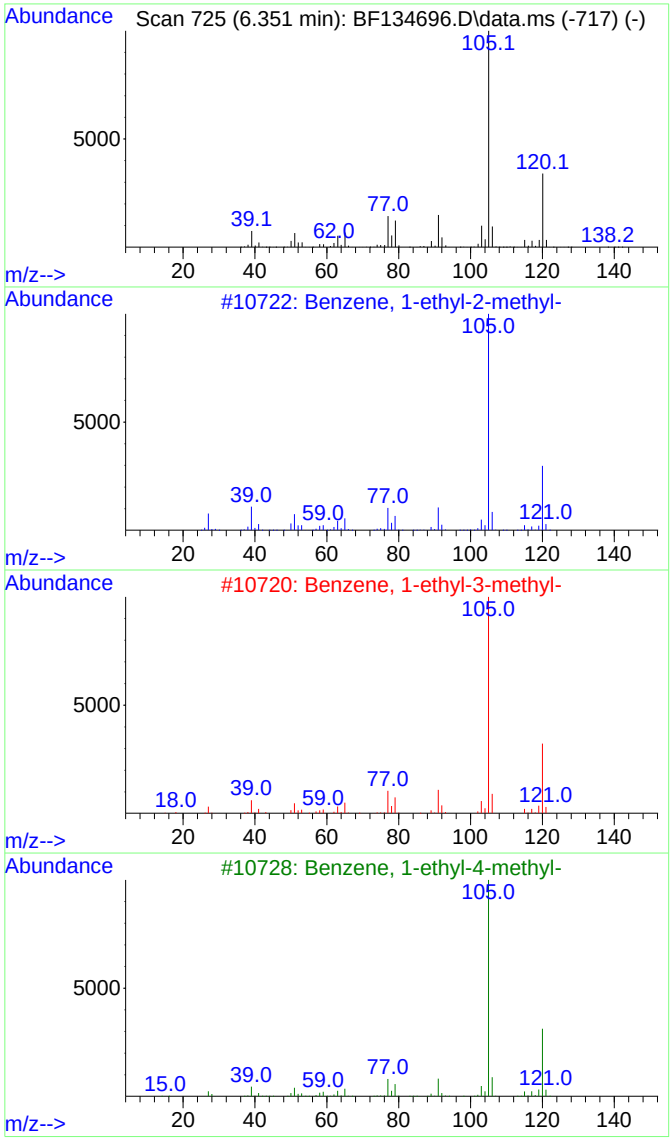
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

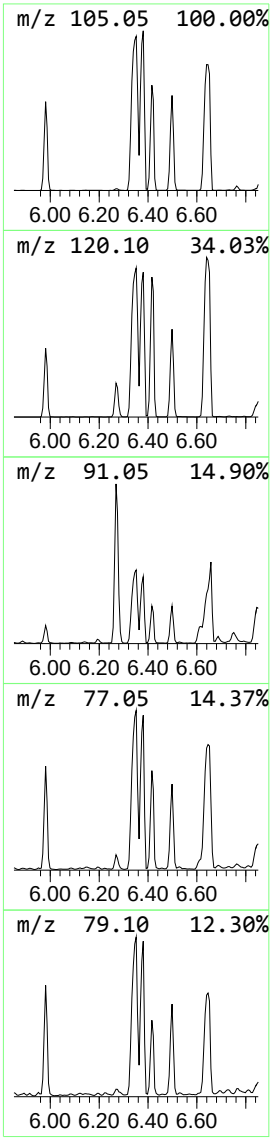
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	32.19 ng	13215300	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

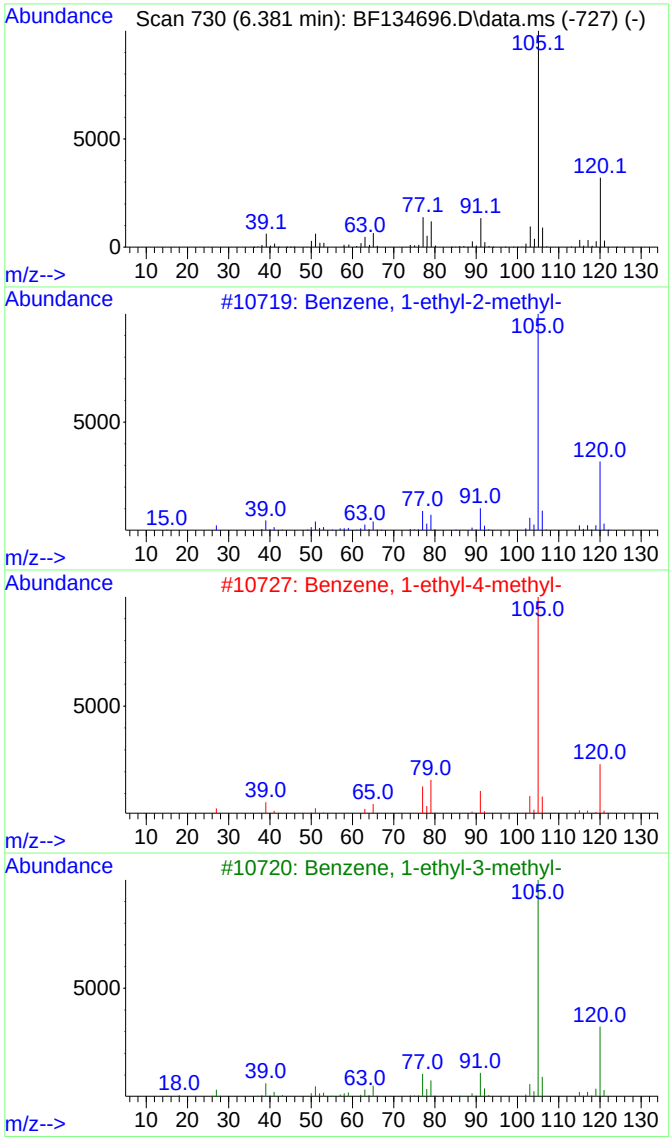
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

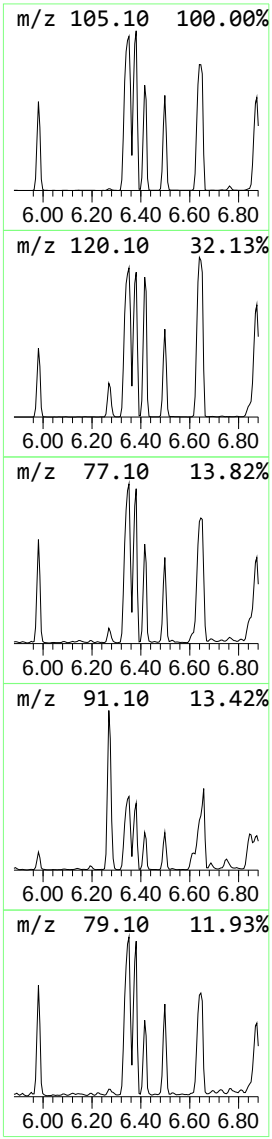
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.381	18.95 ng	7778700	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

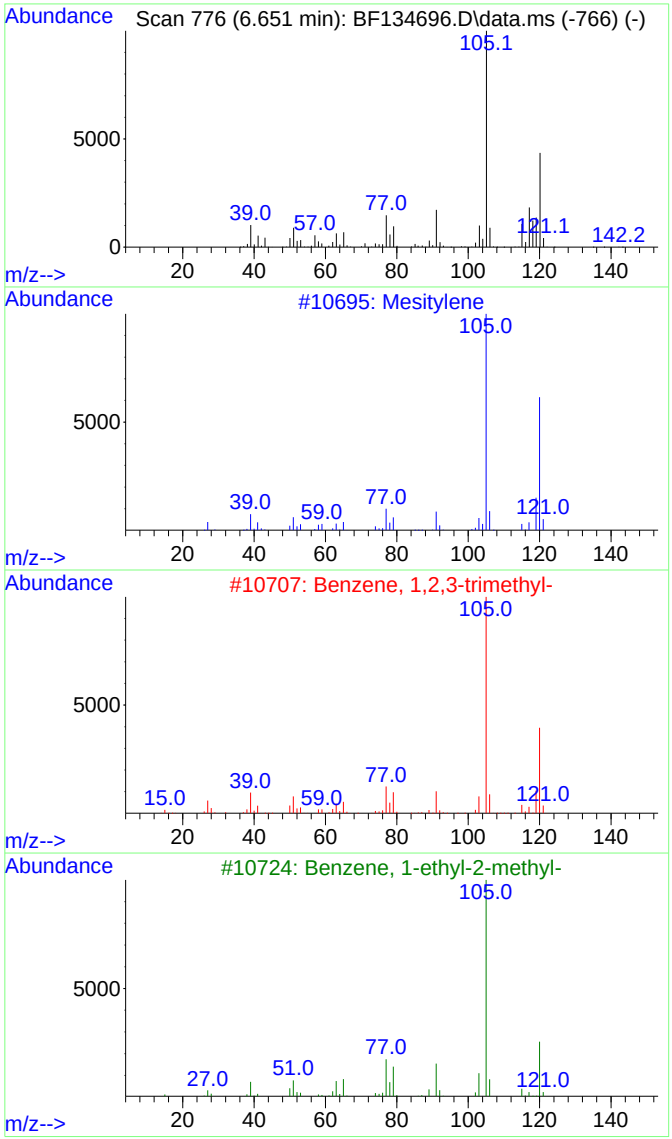
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

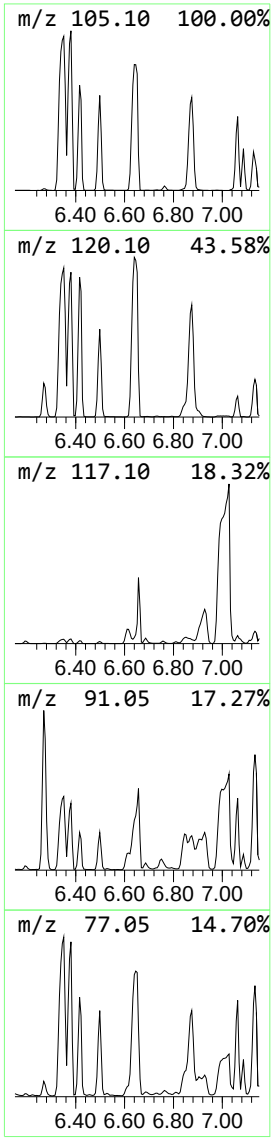
****

Peak Number 5 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	39.55 ng	16234400	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

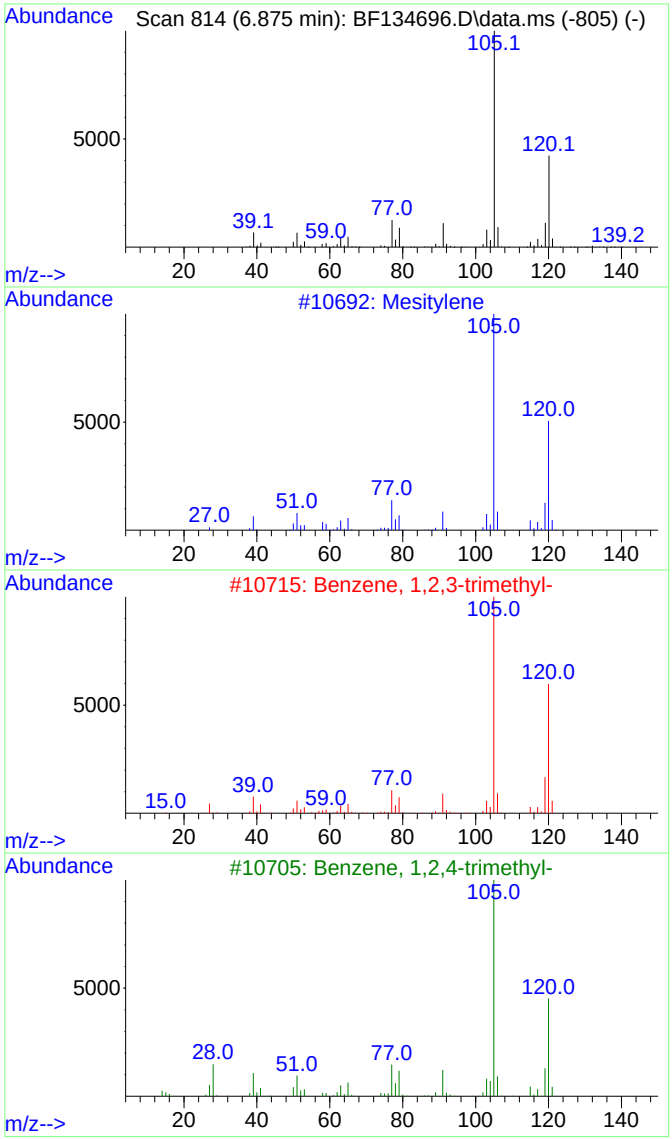
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

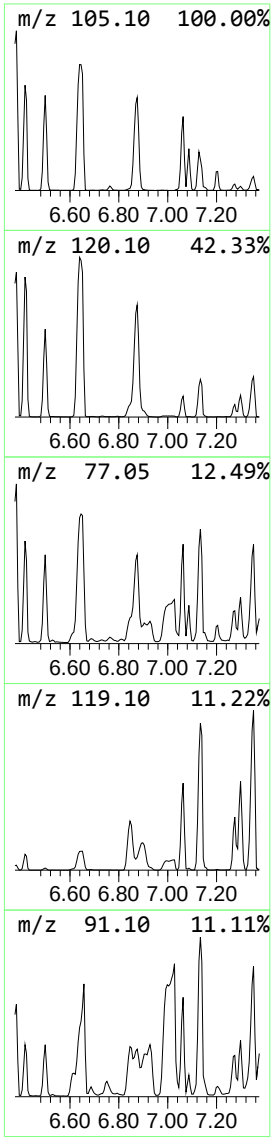
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	20.00 ng	8209660	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

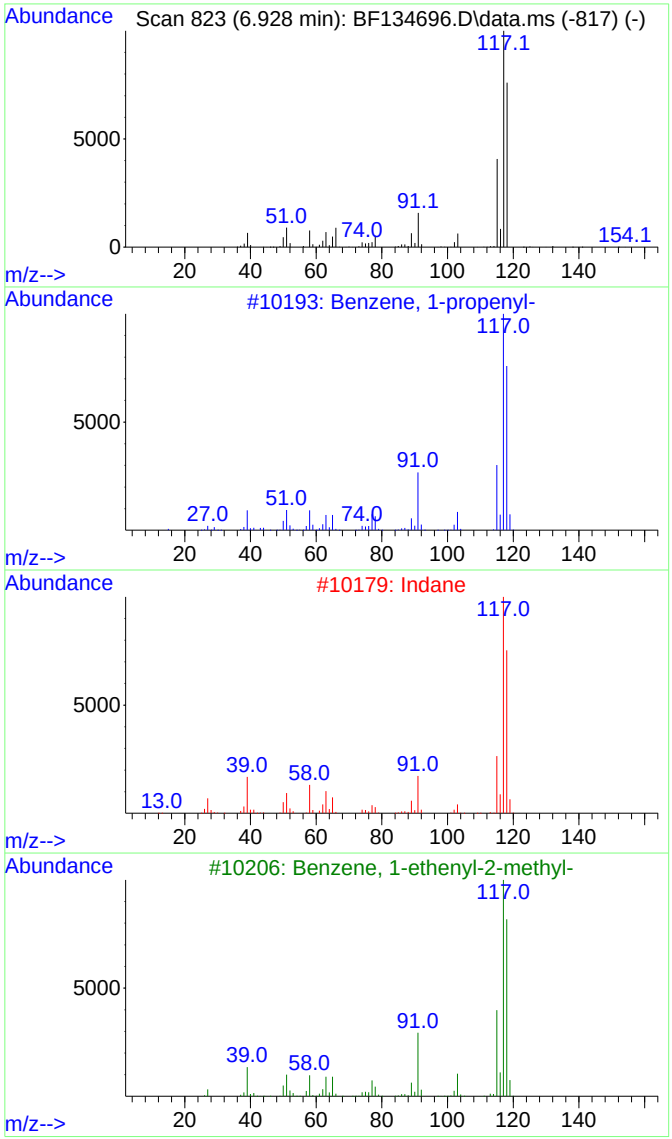
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

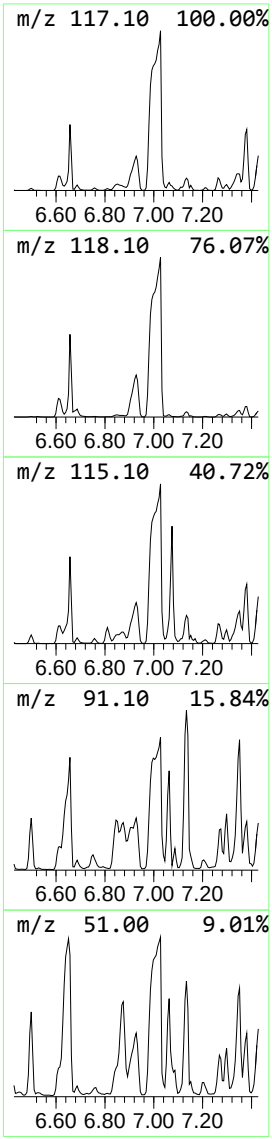
****

Peak Number 7 Benzene, 1-propenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	13.34 ng	5474560	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68





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Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

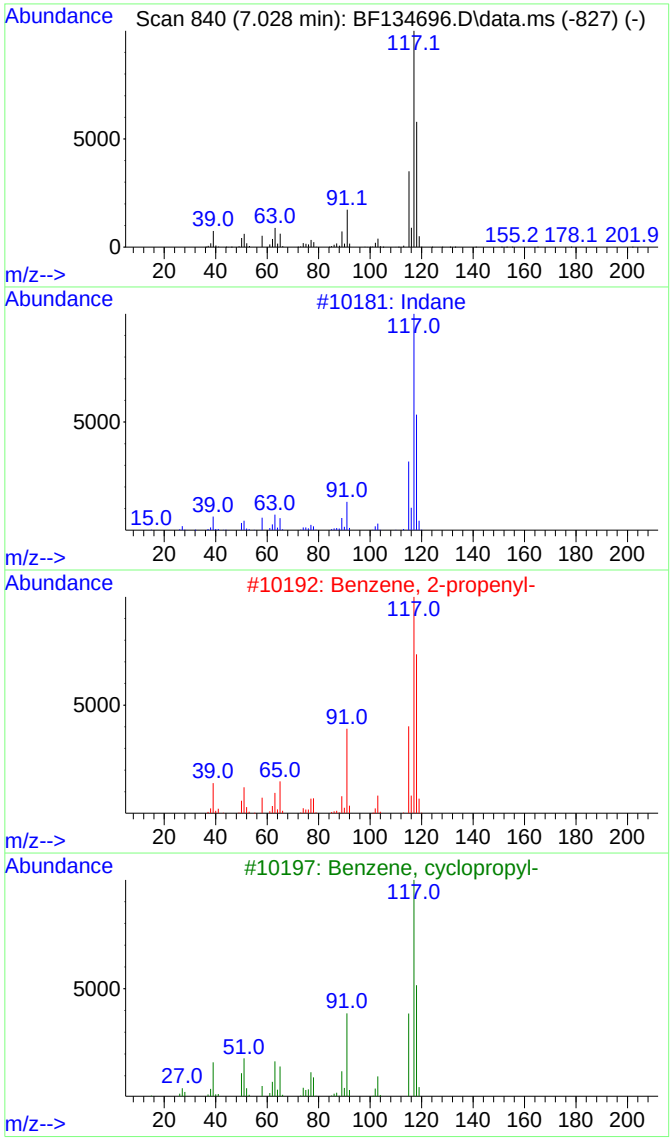
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

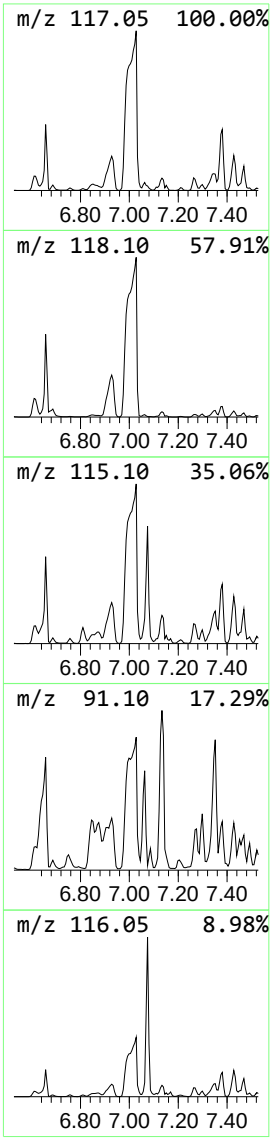
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.028	62.87 ng	25805300	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





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Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

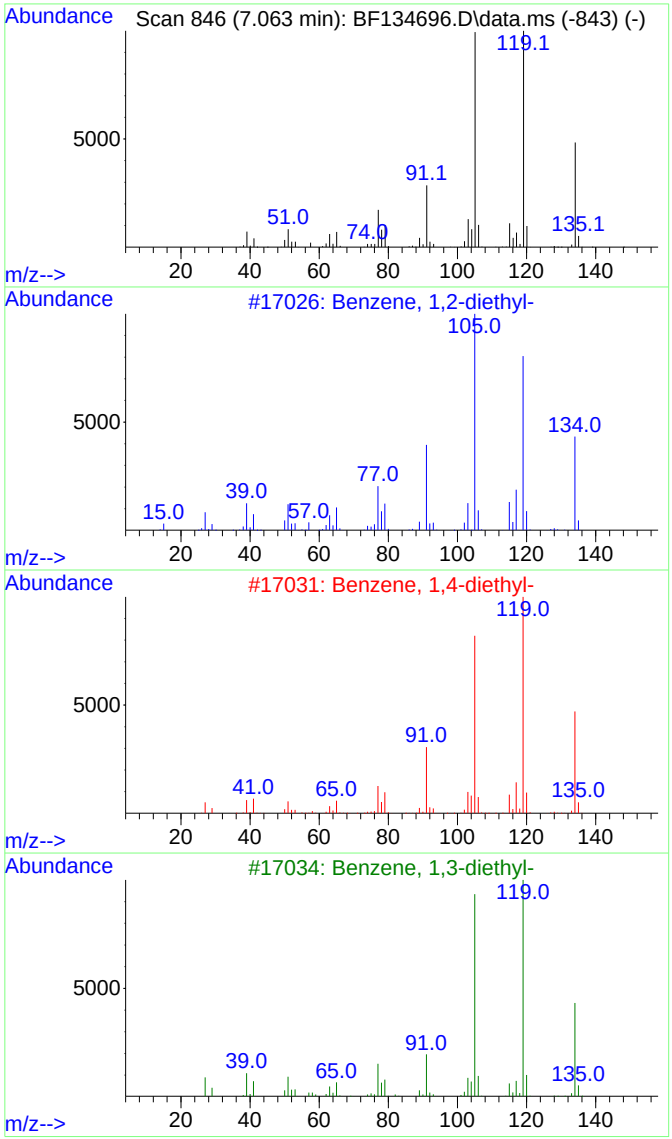
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

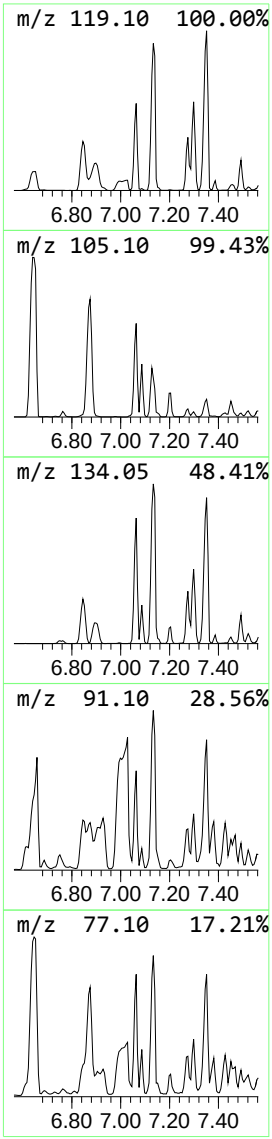
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	15.35 ng	6301140	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

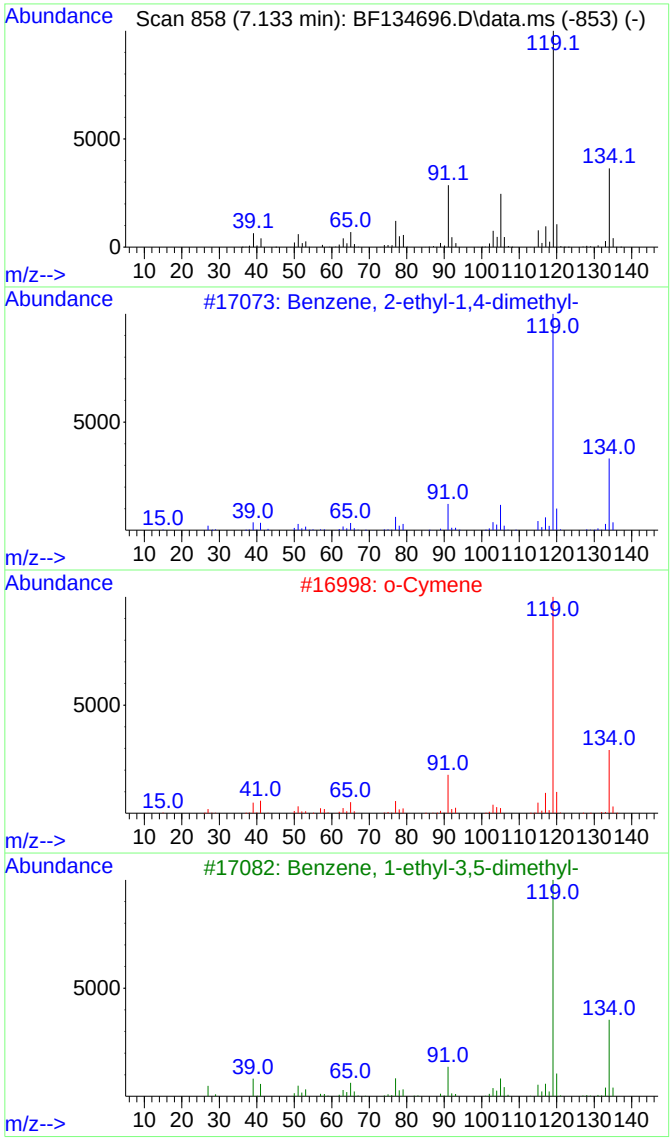
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

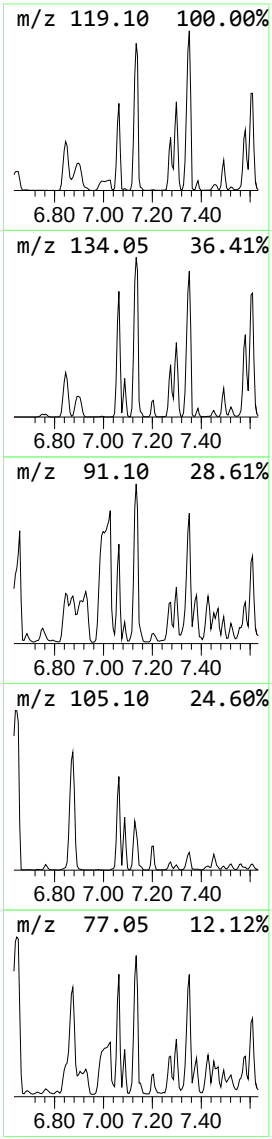
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.133	22.13 ng	9084160	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	p-Cymene	134	C10H14	000099-87-6	91





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Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

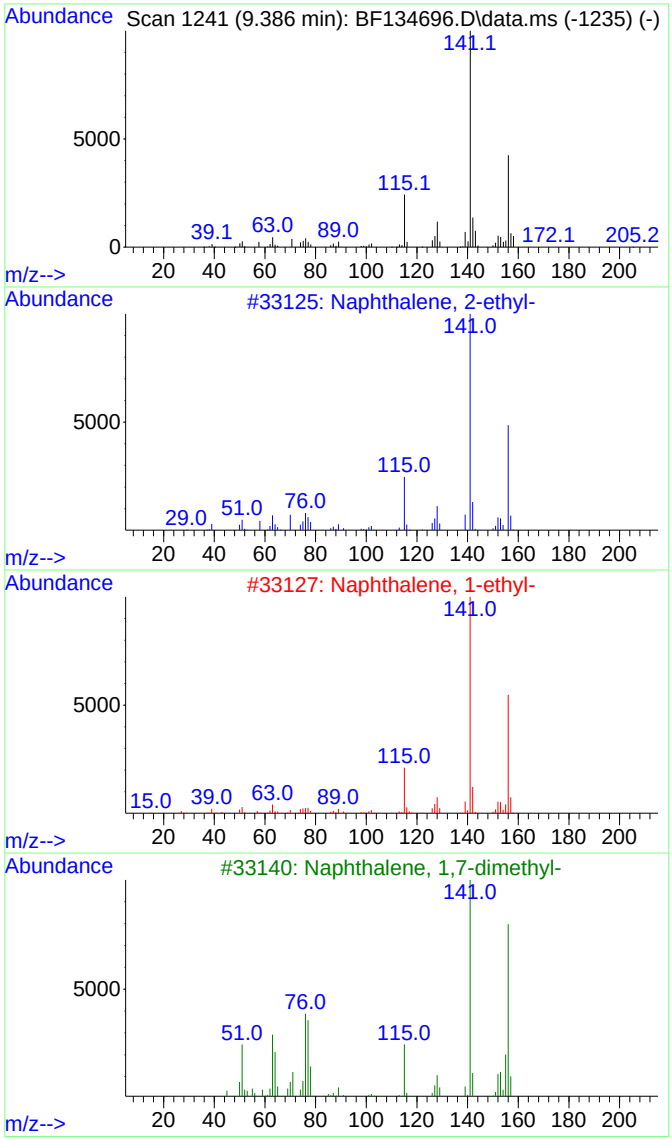
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

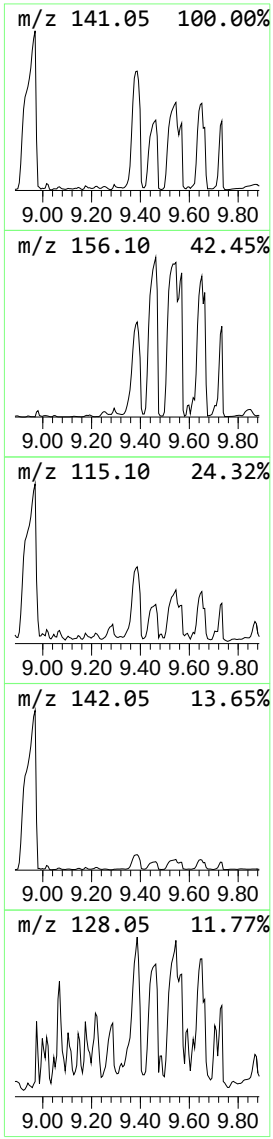
****

Peak Number 11 Naphthalene, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	44.32 ng	14559100	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	7-Methyl-trans-8-thiabicyclo[4.3...	156	C9H16S	060133-10-0	50





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Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

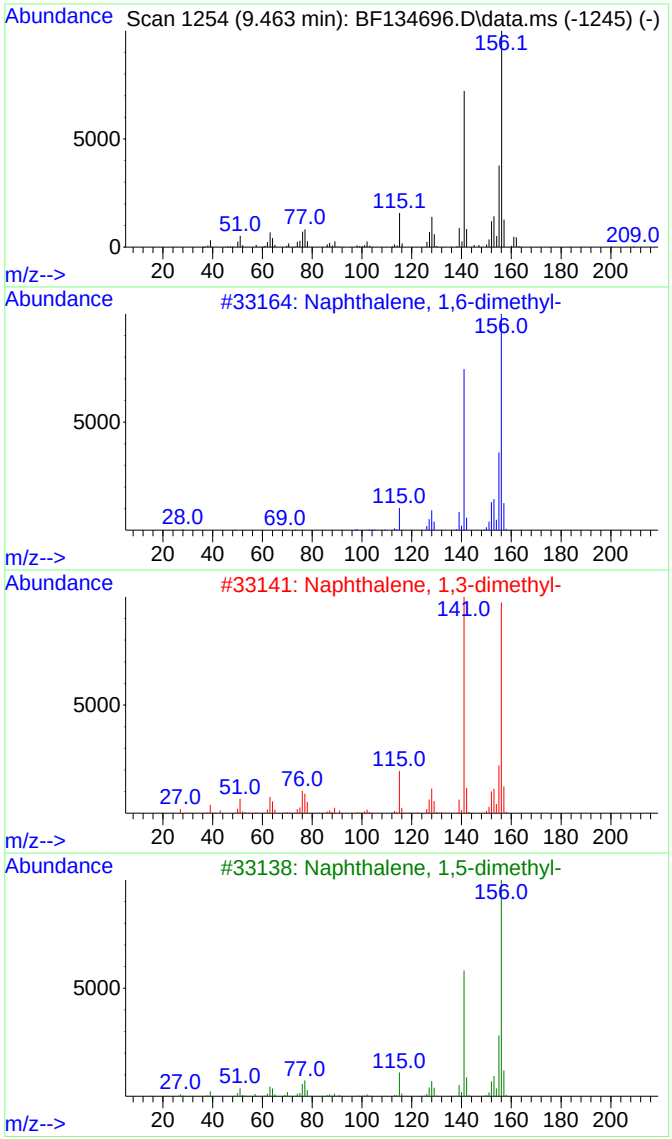
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

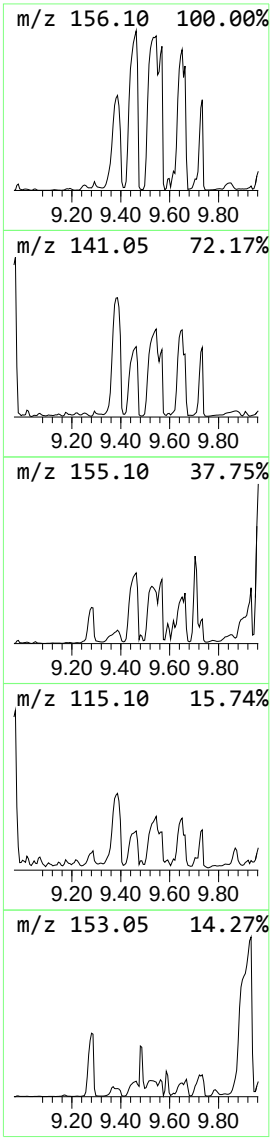
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	46.41 ng	15248700	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

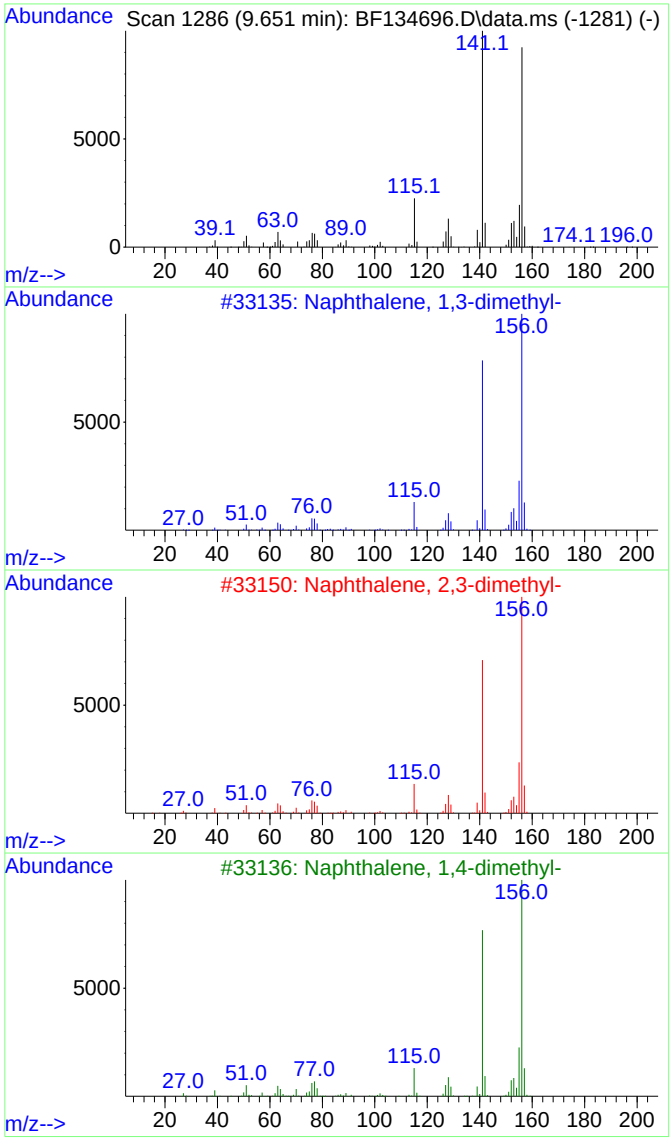
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

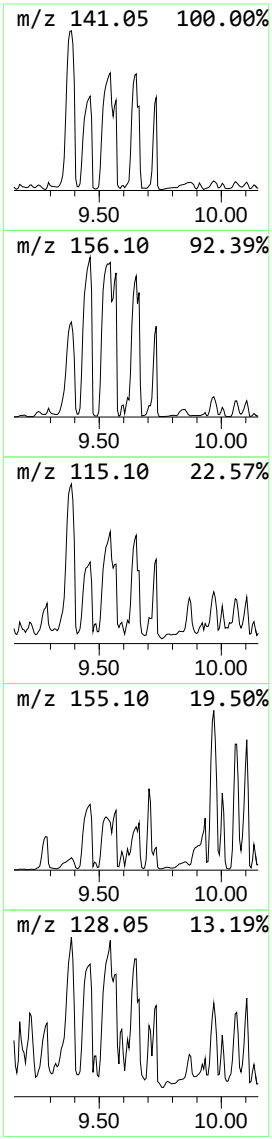
****

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	39.06 ng	12831200	Acenaphthene-d10	9.851

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	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





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Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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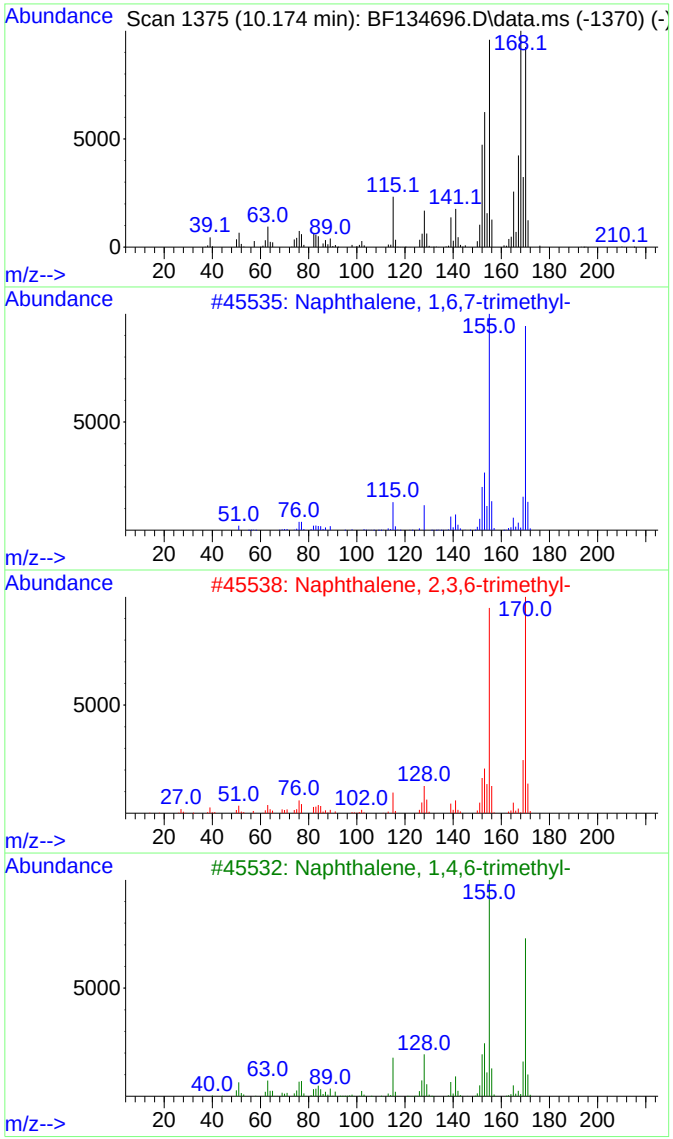
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

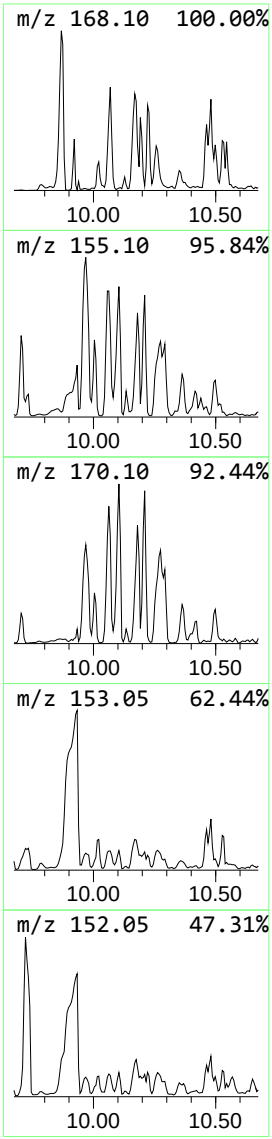
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	25.77 ng	8467530	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	45





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Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

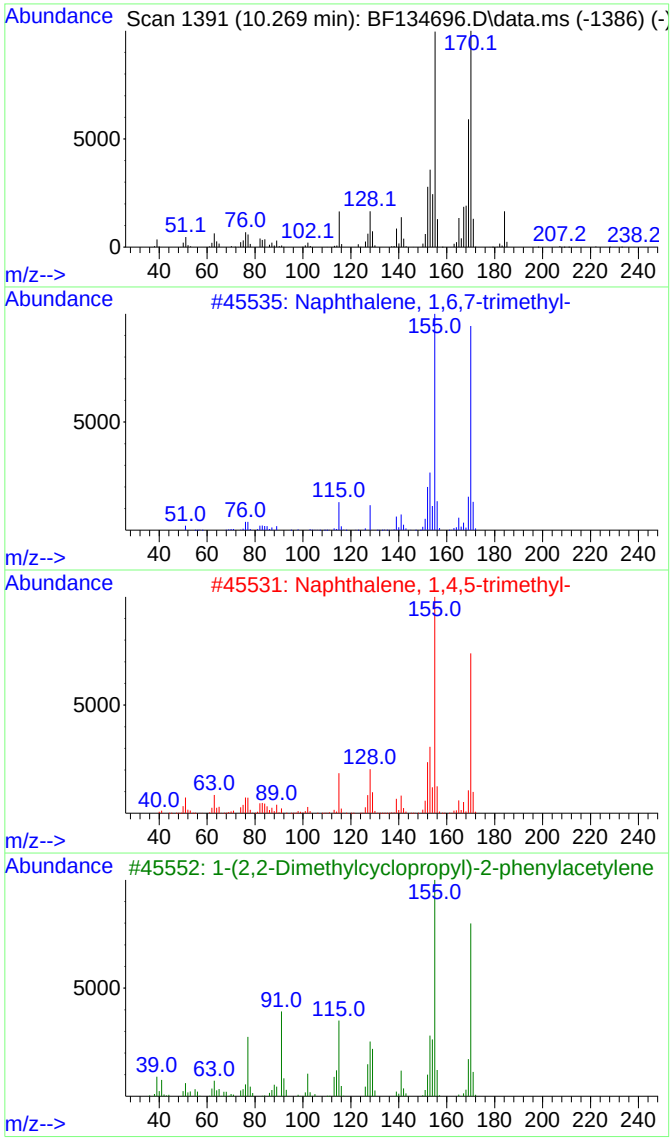
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

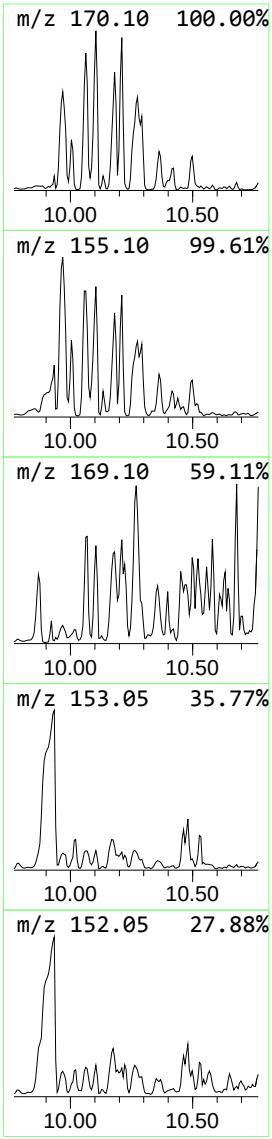
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	23.74 ng	7798640	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76





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Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

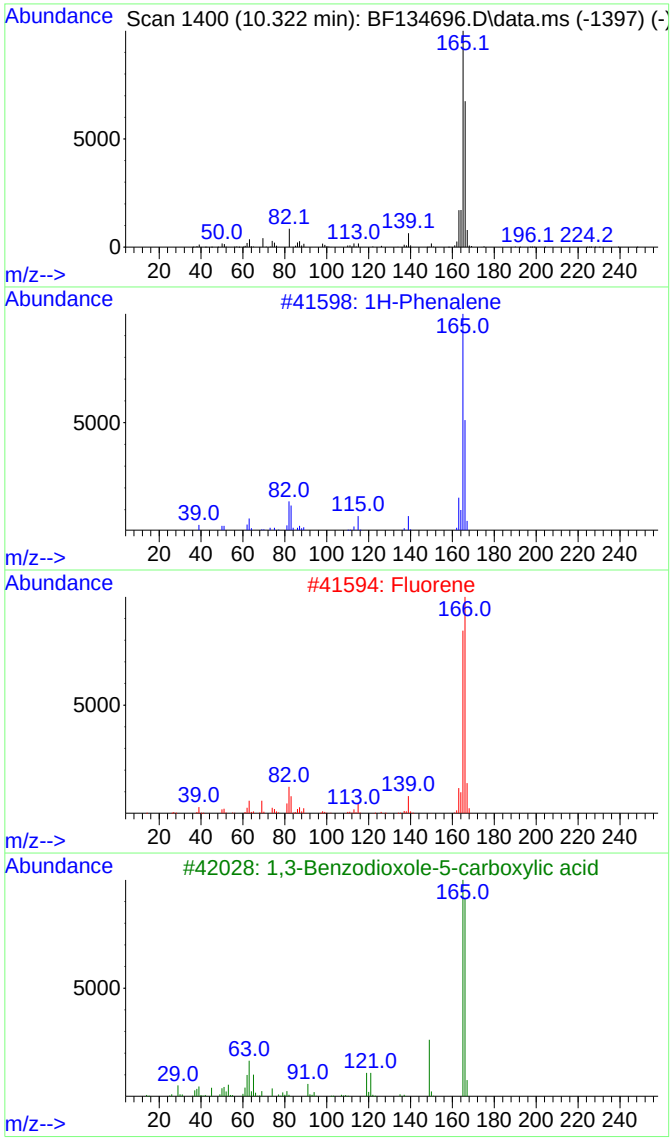
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

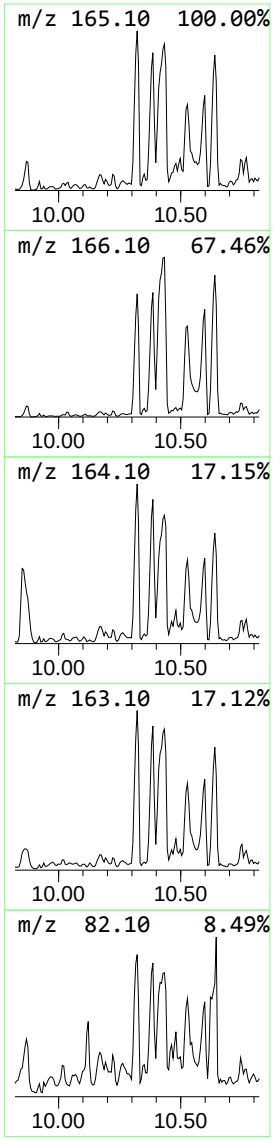
****

Peak Number 16 1H-Phenalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	17.84 ng	5862680	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	86
2	Fluorene	166	C13H10	000086-73-7	52
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	23
4	Fluorene, 9-benzenesulfonyl-	306	C19H14O2S	022010-78-2	10
5	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	9





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Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

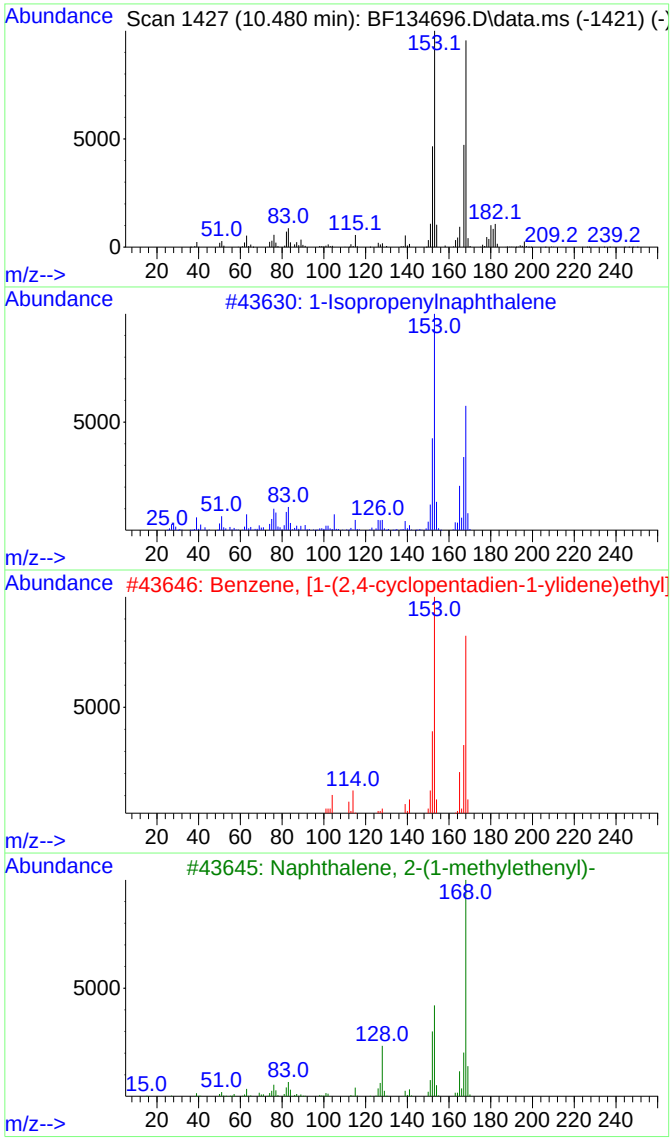
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

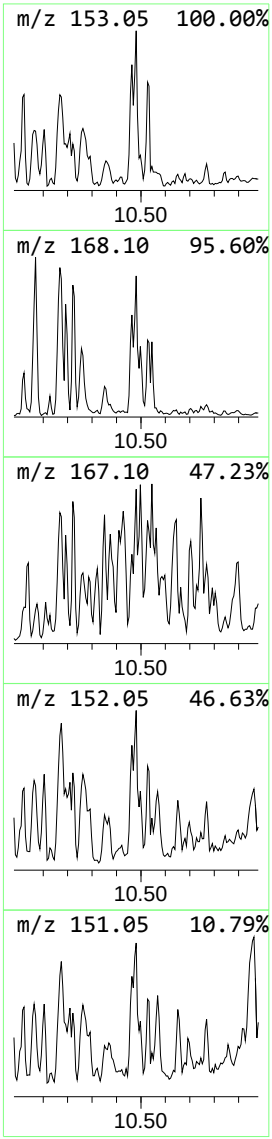
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	14.55 ng	4779590	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	59
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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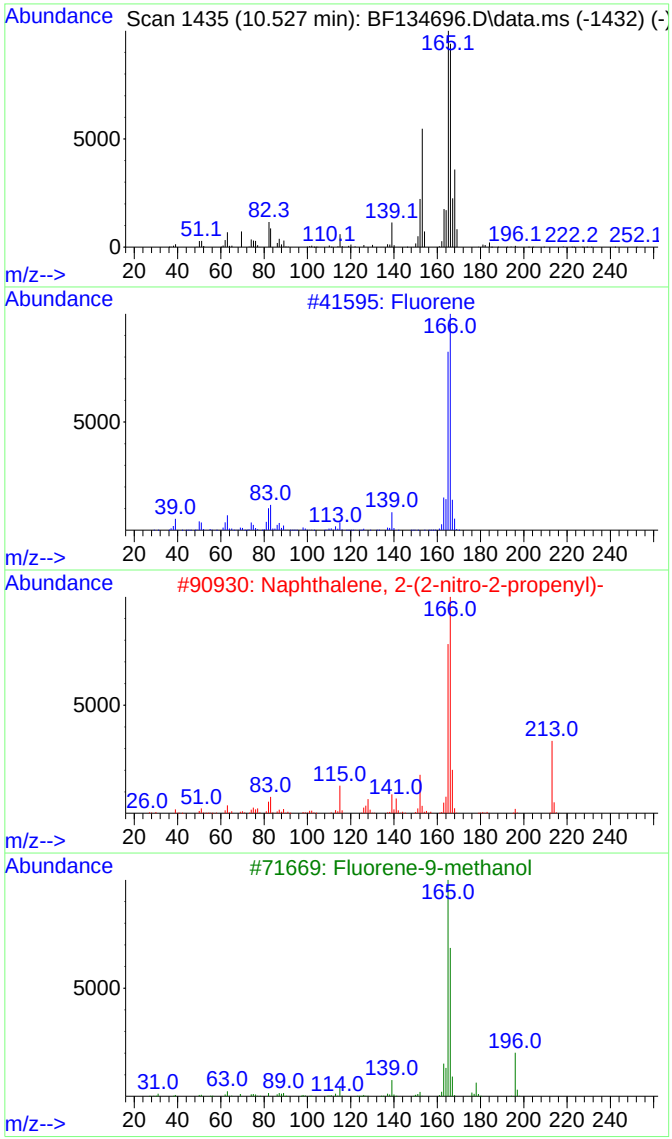
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

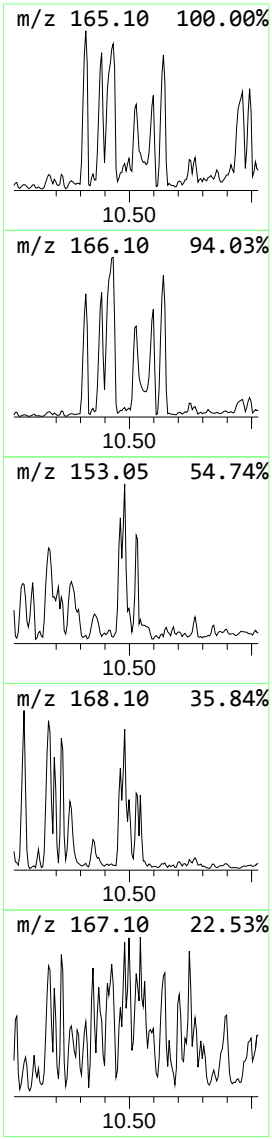
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-(2-nitro-2-p... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.527	13.82 ng	4541310	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	70
2	Naphthalene, 2-(2-nitro-2-propen...	213	C13H11NO2	080255-28-3	59
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	53
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	53
5	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17NO4	035661-39-3	40





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Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

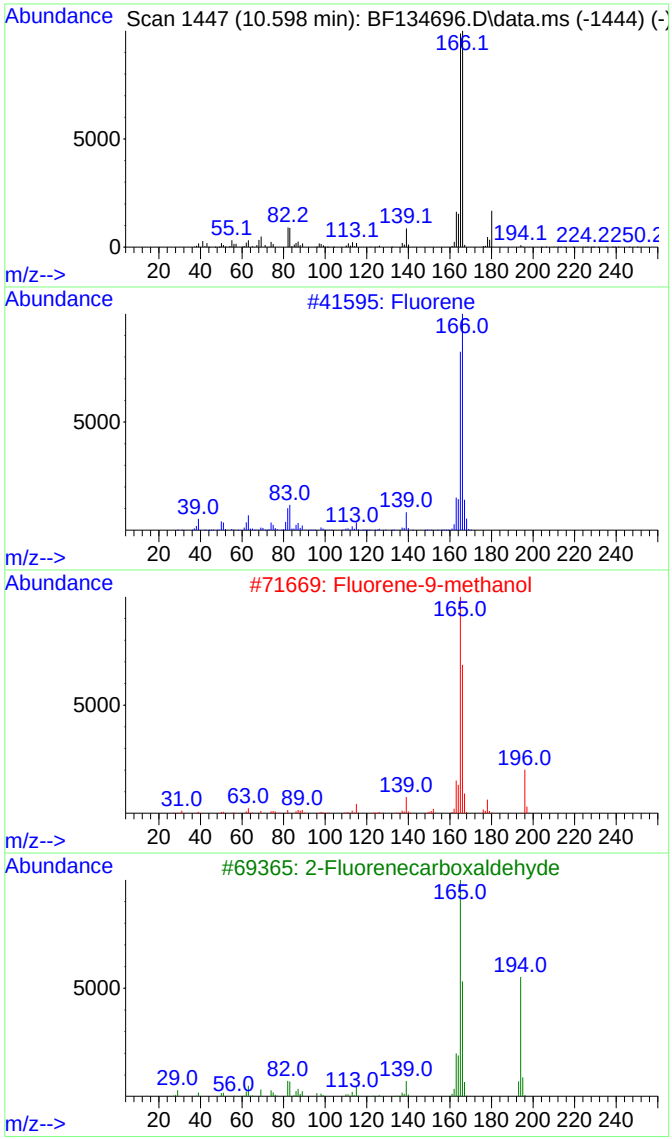
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

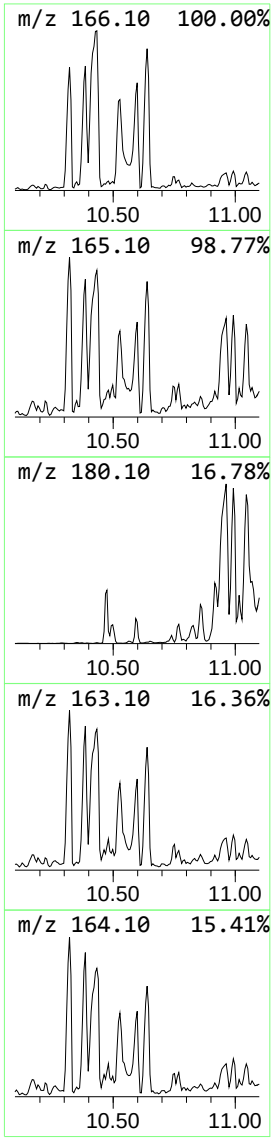
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Fluorene-9-methanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	12.40 ng	4072930	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	87
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	72
3	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	43
4	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	43
5	Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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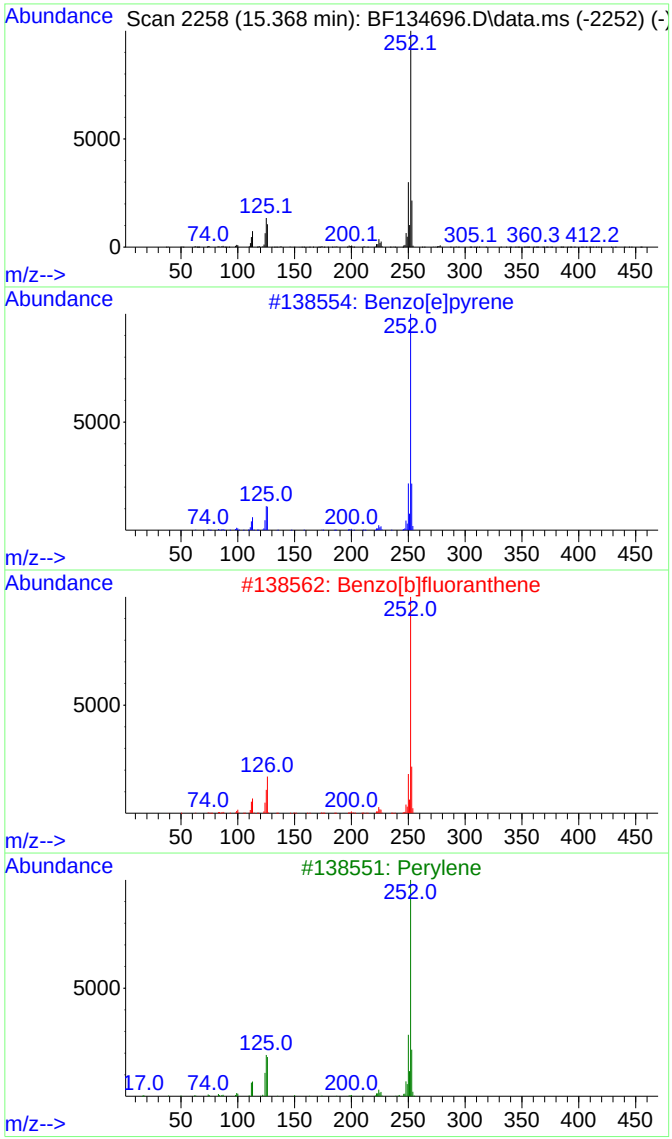
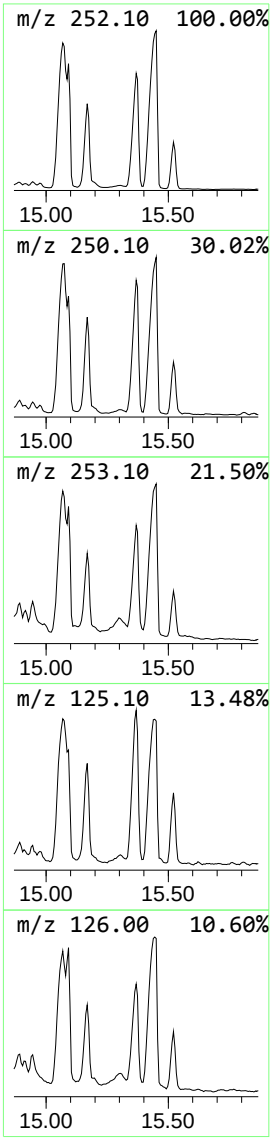
Peak Number 20 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	11.81 ng	5963100	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134696.D
Acq On : 09 Aug 2023 18:29
Operator : CG\JU
Sample : 03945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB01-Z78-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
Benzene, 1-ethy...	6.351	32.2	ng	13215300	1	6.810	8209660	20.0
Benzene, 1-ethy...	6.381	18.9	ng	7778700	1	6.810	8209660	20.0
Mesitylene	6.651	39.5	ng	16234400	1	6.810	8209660	20.0
Benzene, 1,2,3-...	6.875	20.0	ng	8209660	1	6.810	8209660	20.0
Benzene, 1-prop...	6.928	13.3	ng	5474560	1	6.810	8209660	20.0
Indane	7.028	62.9	ng	25805300	1	6.810	8209660	20.0
Benzene, 1,2-di...	7.063	15.4	ng	6301140	1	6.810	8209660	20.0
Benzene, 2-ethy...	7.133	22.1	ng	9084160	1	6.810	8209660	20.0
Naphthalene, 2-...	9.386	44.3	ng	14559100	3	9.851	6570710	20.0
Naphthalene, 1,...	9.463	46.4	ng	15248700	3	9.851	6570710	20.0
Naphthalene, 1,...	9.651	39.1	ng	12831200	3	9.851	6570710	20.0
Naphthalene, 1,...	10.175	25.8	ng	8467530	3	9.851	6570710	20.0
Naphthalene, 1,...	10.269	23.7	ng	7798640	3	9.851	6570710	20.0
1H-Phenalene	10.322	17.8	ng	5862680	3	9.851	6570710	20.0
1-Isopropenylna...	10.480	14.6	ng	4779590	3	9.851	6570710	20.0
Naphthalene, 2-...	10.527	13.8	ng	4541310	3	9.851	6570710	20.0
Fluorene-9-meth...	10.598	12.4	ng	4072930	3	9.851	6570710	20.0
Benzo[e]pyrene	15.368	11.8	ng	5963100	6	15.492	10097500	20.0