LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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: BF134841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.281	538	543	547	rBV	3923371	3852447	17.26%	1.976%
2	5.387	556	561	563	rBV	1746353	1964894	8.80%	1.008%
3	5.404	563	564	569	rVB2	1106557	646547	2.90%	0.332%
4	5.640	601	604	608	rBV	1503247	1418988	6.36%	0.728%
5	6.322	717	720	722	rBV	1070801	890367	3.99%	0.457%
6	6.351	722	725	729	rVB	1860757	1536892	6.88%	0.788%
7	6.398	729	733	735	rBV	703324	669806	3.00%	0.344%
8	6.481	742	747	750	rBV	799593	707349	3.17%	0.363%
9	6.622	767	771	775	rVB	2237933	2351907	10.54%	1.206%
10	6.792	796	800	802	rVV	981344	831052	3.72%	0.426%
11	6.851	807	810	812	rVV	975183	852757	3.82%	0.437%
12	6.981	827	832	835	rVV	6112474	7780791	34.85%	3.990%
13	7.039	840	842	845	rVV2	983273	974500	4.37%	0.500%
14	7.110	849	854	856	rBV	1146729	1013796	4.54%	0.520%
15	7.328	886	891	893	rBV	1594390	1446041	6.48%	0.742%
16	7.357	893	896	900	rVB	625295	587671	2.63%	0.301%
17	7.404	900	904	907	rBV2	823619	887699	3.98%	0.455%
18	7.586	932	935	939	rVB	864416	820582	3.68%	0.421%
19	7.745	957	962	967	rVB	2107732	2158871	9.67%	1.107%
20	7.822	967	975	978	rBV3	2079396	3391734	15.19%	1.739%
21	7.857	978	981	987	rVB	2327714	3436631	15.39%	1.762%
22	7.945	993	996	1003	rBV2	577602	619255	2.77%	0.318%
23	8.134	1013	1028	1030	rVV	7402856	22323406	100.00%	11.448%
24	8.157	1030	1032	1036	rVV2	2187684	1718295	7.70%	0.881%
25	8.428	1074	1078	1081	rVV	687171	1006958	4.51%	0.516%
26	8.457	1081	1083	1087	rVV3	449278	559555	2.51%	0.287%
27	8.498	1087	1090	1091	rVV	553767	521658	2.34%	0.268%
28	8.516	1091	1093	1094	rVV	701480	582959	2.61%	0.299%
29	8.539	1094	1097	1099	rVV	802974	897485	4.02%	0.460%
30	8.581	1101	1104	1108	rVV	845172	910328	4.08%	0.467%
31	8.633	1108	1113	1116	rVV5	307561	497209	2.23%	0.255%
32	8.669	1116	1119	1123	rVV3	359308	495731	2.22%	0.254%
33	8.722	1123	1128	1129	rVV2	418930	567080	2.54%	0.291%
34	8.739	1129	1131	1134	rVV	700105	743084	3.33%	0.381%
35	8.804	1134	1142	1145	rVV	6506027	11802952	52.87%	6.053%
36	8.904	1151	1159	1162	rVV	6140940	8704675	38.99%	4.464%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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	9.033	1177	1181	1185	rBV4	294857	507354	2.27%	0.260%
38	9.098	1189	1192	1195	rVB	653870	575602	2.58%	0.295%
39	9.251	1211	1218	1221	rBV	2779752	2555023	11.45%	1.310%
40	9.351	1231	1235	1240	rVB	4328363	4788167	21.45%	2.456%
41	9.422	1240	1247	1250	rBV	3138560	4568089	20.46%	2.343%
42	9.492	1254	1259	1262	rVV	3895337	5000039	22.40%	2.564%
43	9.522	1262	1264	1266	rVV	3205088	2466773	11.05%	1.265%
44	9.557	1266	1270	1272	rVV3	739975	755707	3.39%	0.388%
45	9.610	1275	1279	1284	rVV	2289528	2620045	11.74%	1.344%
46	9.686	1290	1292	1298	rVB	2067147	1845382	8.27%	0.946%
47	9.816	1310	1314	1319	rBV2	1453992	2315589	10.37%	1.188%
48	9.875	1319	1324	1326	rVV	5906302	7131336	31.95%	3.657%
49	9.933	1331	1334	1339	rBV	1356751	1764202	7.90%	0.905%
50	10.033	1347	1351	1354	rVV	1555160	1810630	8.11%	0.929%
51	10.075	1354	1358	1365	rVB3	1111491	1501493	6.73%	0.770%
52	10.145	1365	1370	1373	rBV3	902936	1029266	4.61%	0.528%
53	10.175	1373	1375	1377	rBV	776120	585968	2.62%	0.301%
54	10.239	1381	1386	1387	rBV2	667350	783445	3.51%	0.402%
55	10.286	1391	1394	1396	rBV	736218	632719	2.83%	0.324%
56	10.333	1396	1402	1403	rBV4	391462	649712	2.91%	0.333%
57	10.380	1407	1410	1416	rVB	3236487	3533861	15.83%	1.812%
58	10.427	1416	1418	1420	rBV	973237	1027639	4.60%	0.527%
59	10.469	1422	1425	1426	rVV2	1470364	1295305	5.80%	0.664%
60	10.486	1426	1428	1431	rVV2	1245063	1358923	6.09%	0.697%
61	10.516	1431	1433	1435	rVV	1222571	1064016	4.77%	0.546%
62	10.604	1445	1448	1454	rVB3	587348	998738	4.47%	0.512%
63	10.751	1469	1473	1479	rVB2	690923	958222	4.29%	0.491%
64	10.927	1499	1503	1506	rVV2	964556	1344130	6.02%	0.689%
65	10.957	1506	1508	1514	rVV2	811429	890951	3.99%	0.457%
66	11.010	1514	1517	1523	rVV3	656082	851458	3.81%	0.437%
67	11.216	1548	1552	1559	rVB2	1653845	1756648	7.87%	0.901%
68	11.322	1566	1570	1571	rBV	803932	801826	3.59%	0.411%
69	11.357	1571	1576	1578	rVV	5686937	7092945	31.77%	3.638%
70	11.398	1578	1583	1586	rVV	2725601	2643745	11.84%	1.356%
71	11.651	1623	1626	1632	rVB2	606264	597340	2.68%	0.306%
72	11.733	1637	1640	1644	rVB	449021	495977	2.22%	0.254%
73	11.827	1652	1656	1658	rBV	1731922	1689914	7.57%	0.867%
74	11.851	1658	1660	1664	rVV	2051540	1778807	7.97%	0.912%
75	11.898	1666	1668	1671	rBV	781562	677153	3.03%	0.347%
76	11.939	1671	1675	1677	rVV	2188706	2520414	11.29%	1.293%

LSC Area Percent Report

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Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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	11.963	1677	1679	1683	rVB	1235532	980967	4.39%	0.503%
78	12.121	1703	1706	1709	rBV	886344	746304	3.34%	0.383%
79	12.374	1745	1749	1752	rVV	1024318	1105663	4.95%	0.567%
80	12.410	1752	1755	1757	rVV2	653856	787584	3.53%	0.404%
81	12.463	1761	1764	1768	rVV2	309961	555842	2.49%	0.285%
82	12.539	1773	1777	1780	rBV	3120076	2842871	12.73%	1.458%
83	12.633	1790	1793	1796	rVV	1248782	1157132	5.18%	0.593%
84	12.774	1811	1817	1822	rVB	3683197	4229965	18.95%	2.169%
85	12.980	1849	1852	1860	rBV	424261	630275	2.82%	0.323%
86	13.092	1869	1871	1874	rVB	1033327	946722	4.24%	0.486%
87	13.163	1880	1883	1886	rVB	849234	695341	3.11%	0.357%
88	13.198	1886	1889	1892	rBV	719246	553451	2.48%	0.284%
89	13.263	1897	1900	1903	rBV	730427	773993	3.47%	0.397%
90	13.292	1903	1905	1907	rVV	567880	488372	2.19%	0.250%
91	13.321	1907	1910	1914	rVB	700235	710248	3.18%	0.364%
92	13.957	2014	2018	2022	rBV2	2243191	2939824	13.17%	1.508%
93	13.992	2022	2024	2030	rVB	1583158	1586889	7.11%	0.814%
94	14.357	2082	2086	2089	rVV	686770	768627	3.44%	0.394%
95	14.451	2095	2102	2104	rVV3	388402	569688	2.55%	0.292%
96	14.504	2108	2111	2115	rVV2	435552	500894	2.24%	0.257%
97	15.010	2192	2197	2209	rBV	704476	1499275	6.72%	0.769%
98	15.310	2244	2248	2254	rBV	555819	651764	2.92%	0.334%
99	15.374	2254	2259	2264	rVB	1019697	1212678	5.43%	0.622%
100	15.439	2265	2270	2272	rBV	493649	622403	2.79%	0.319%

Sum of corrected areas: 194993277

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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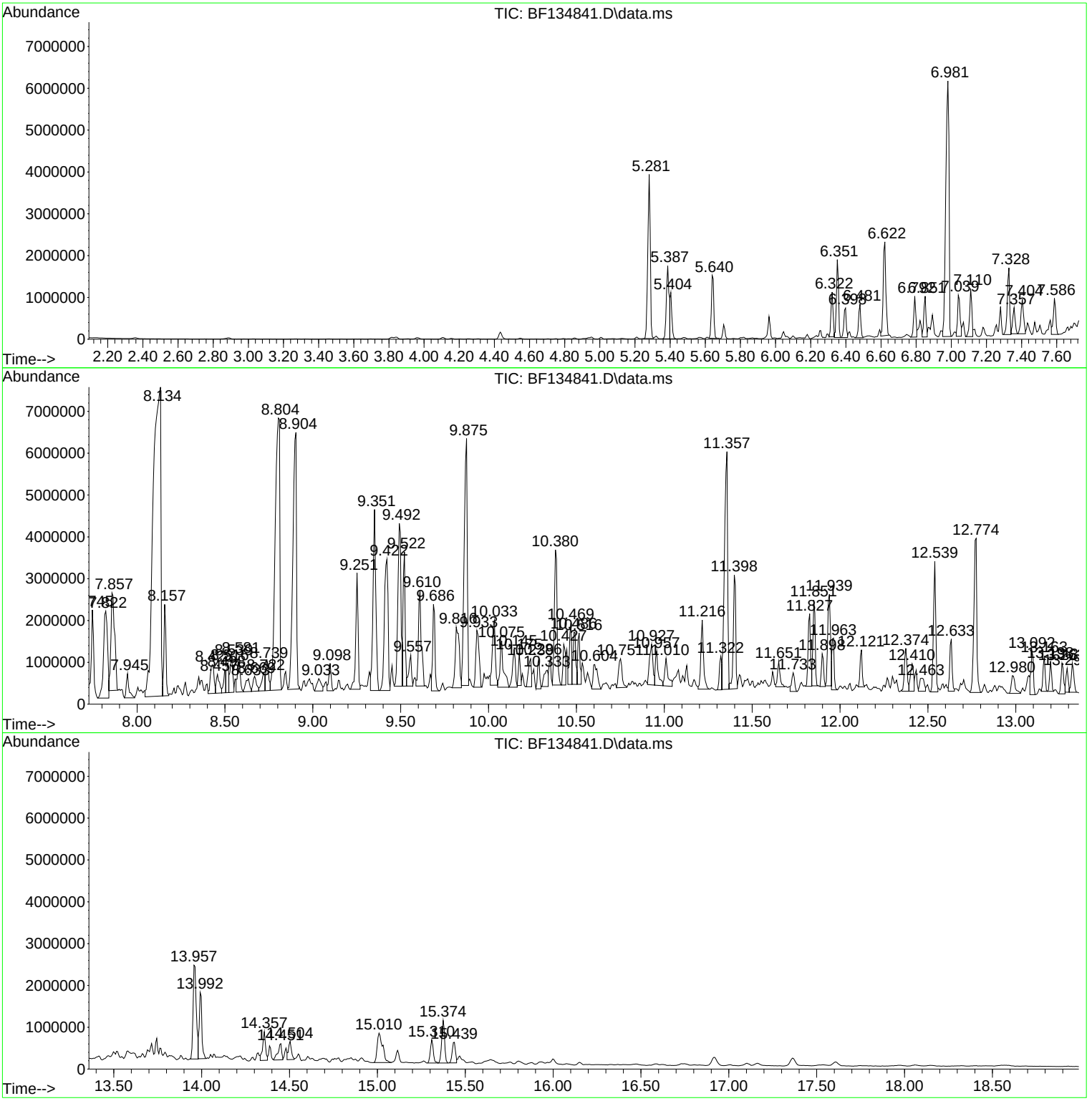
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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\BF081823\
Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

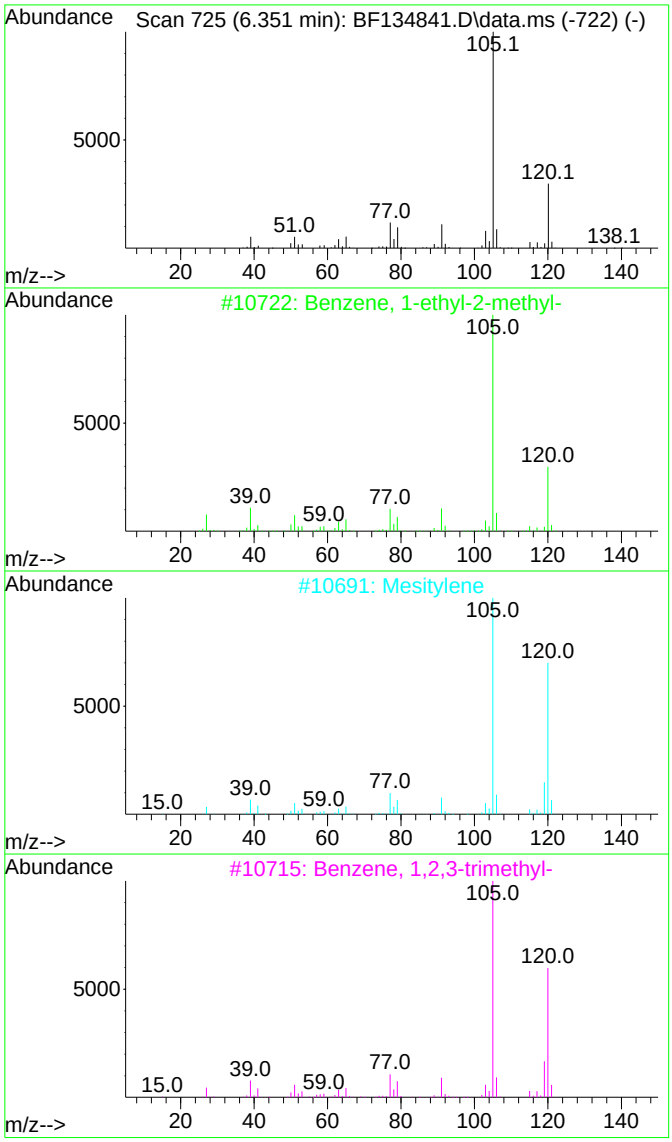
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

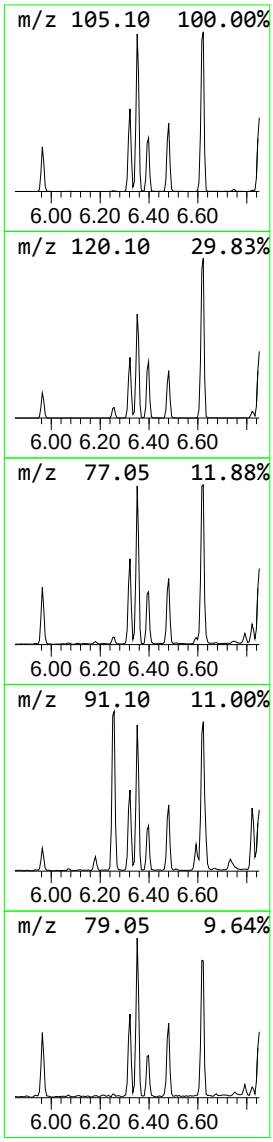
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	36.99 ng	1536890	1,4-Dichlorobenzene-d4	6.792

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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

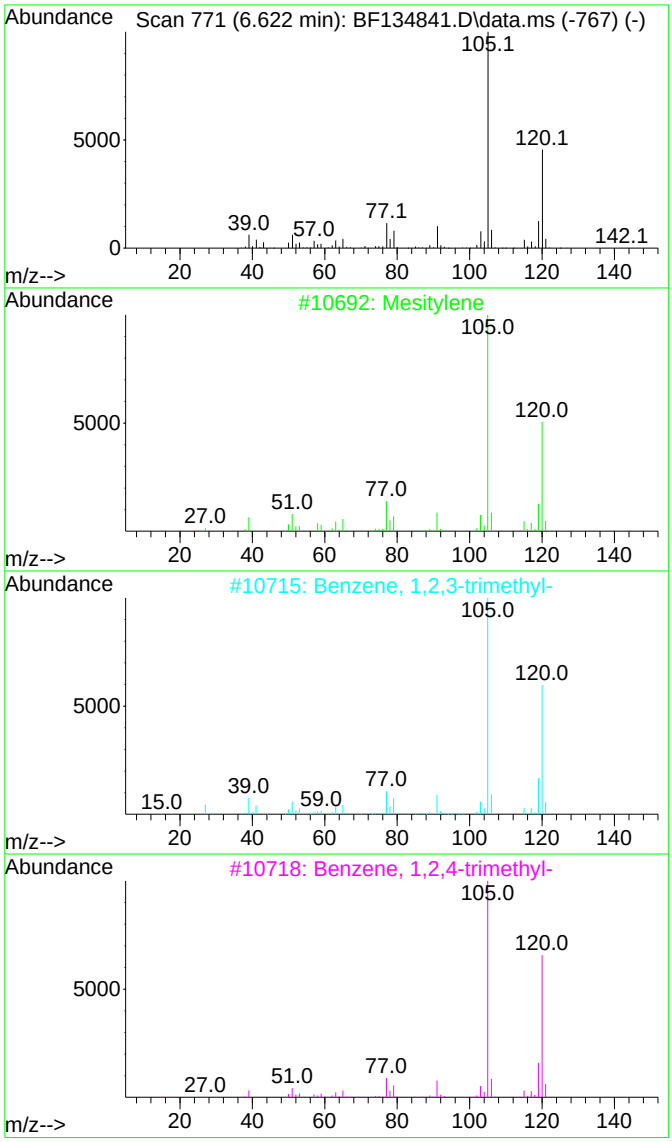
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

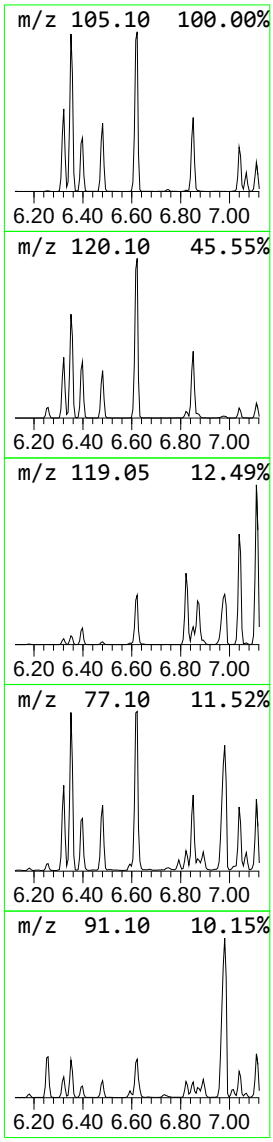
****

Peak Number 4 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	56.60 ng	2351910	1,4-Dichlorobenzene-d4	6.792

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	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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

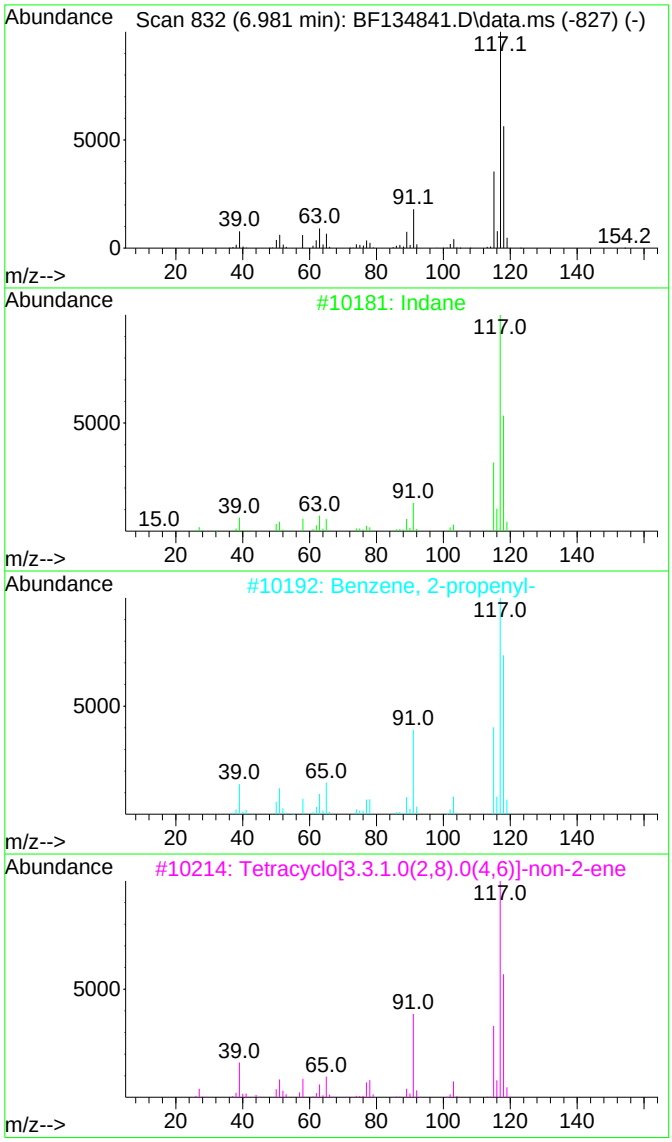
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

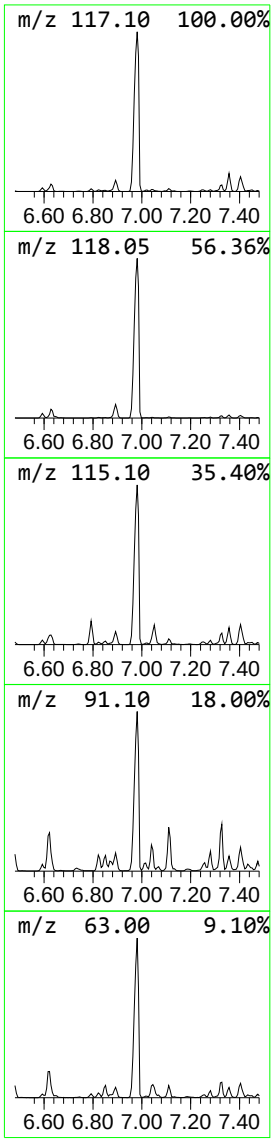
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	187.25 ng	7780790	1,4-Dichlorobenzene-d4	6.792

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	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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

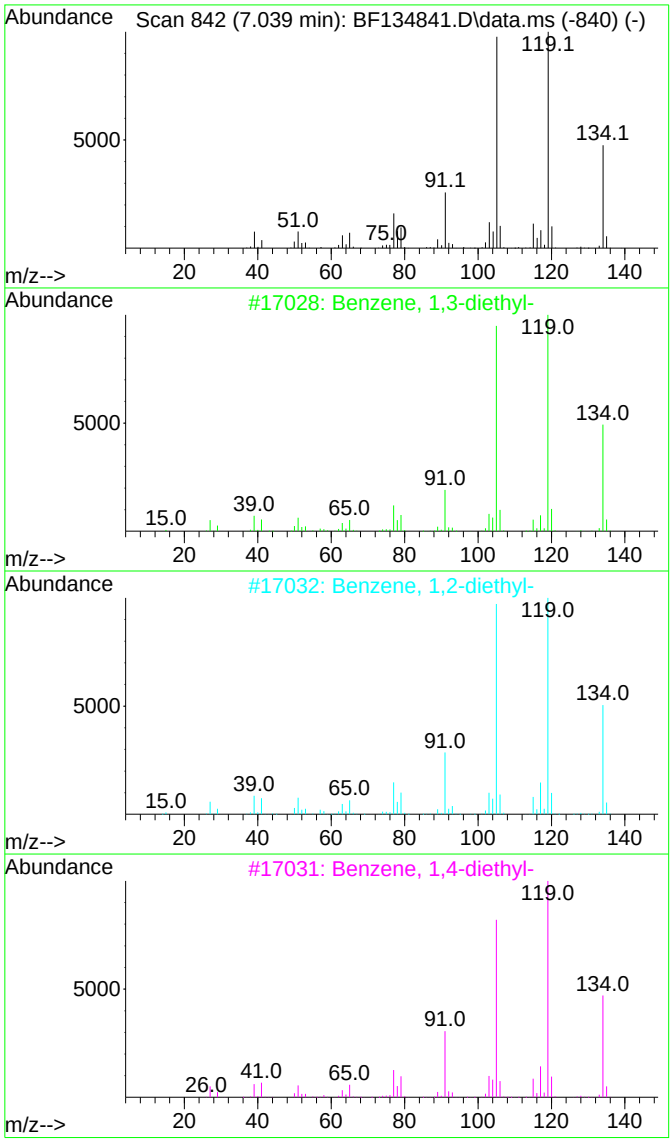
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

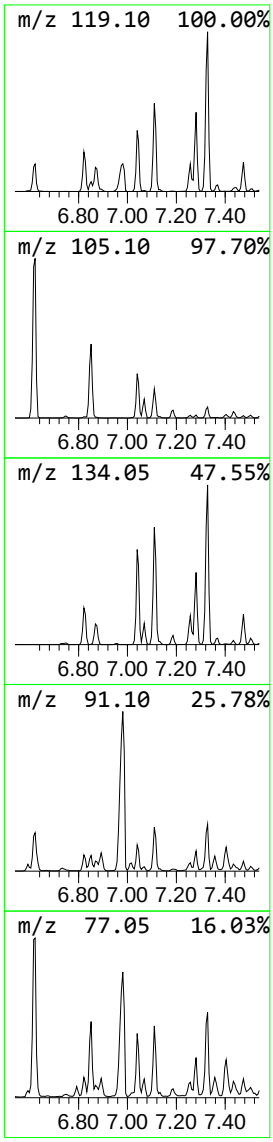
****

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.039	23.45 ng	974500	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

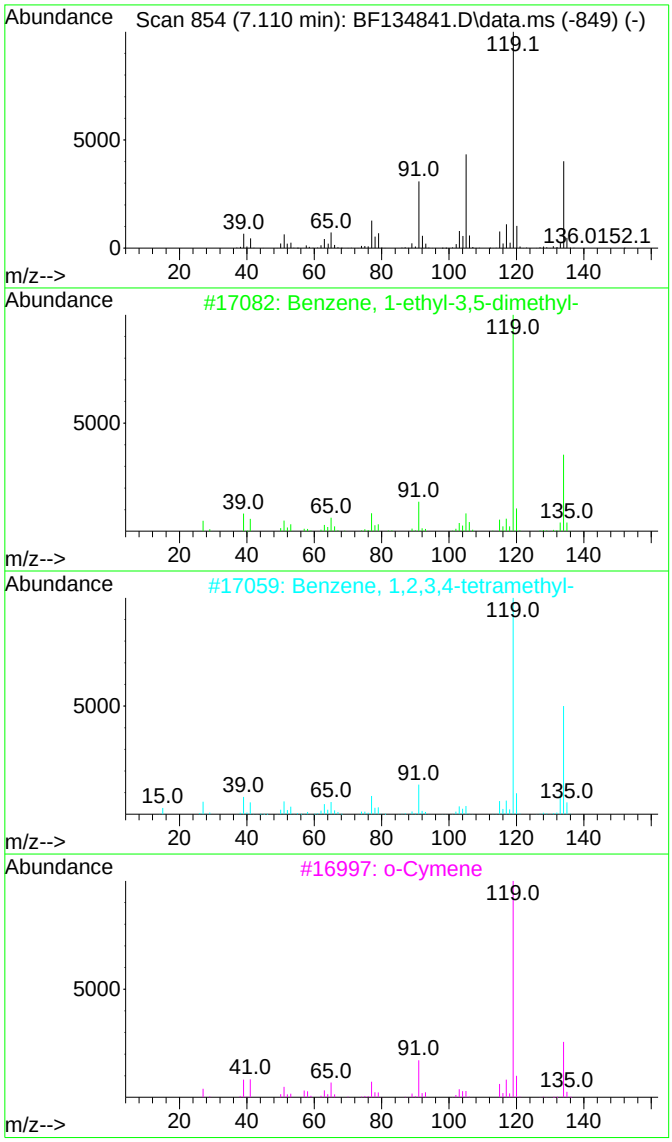
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

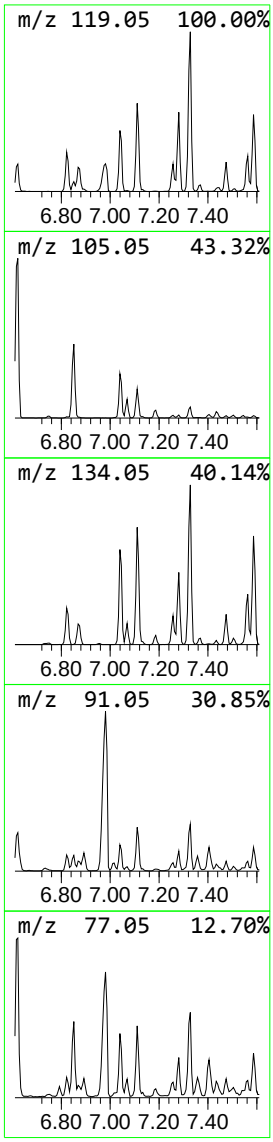
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	24.40 ng	1013800	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





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Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

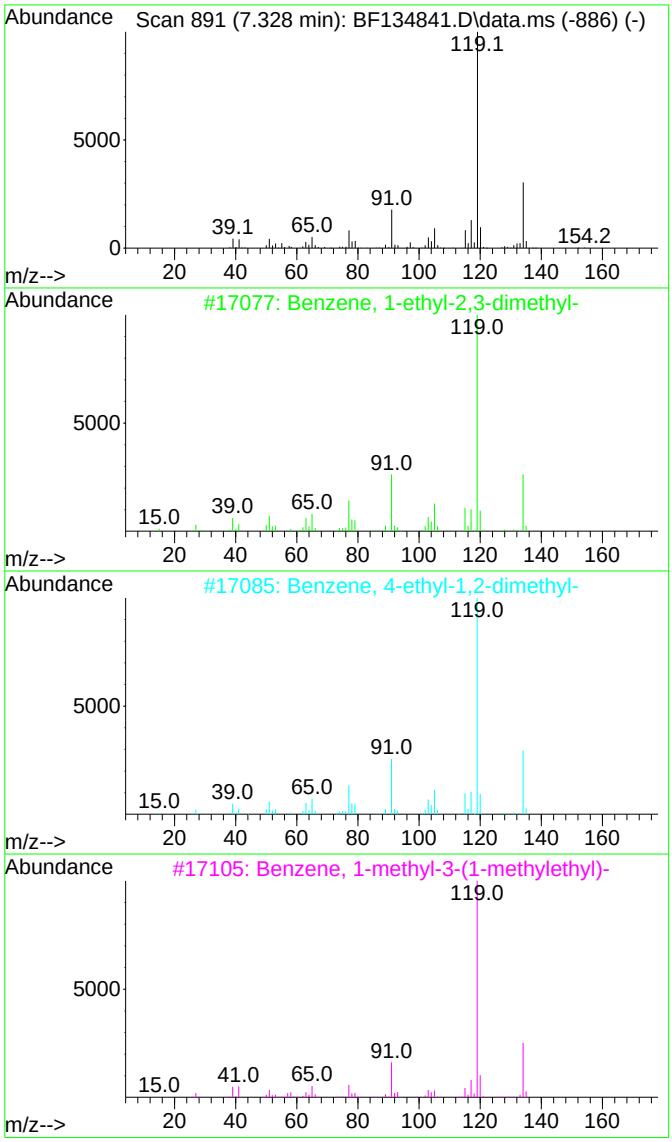
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

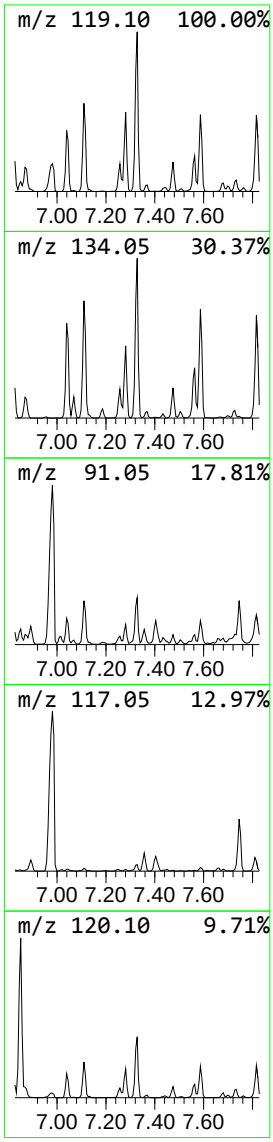
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.328	34.80 ng	1446040	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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

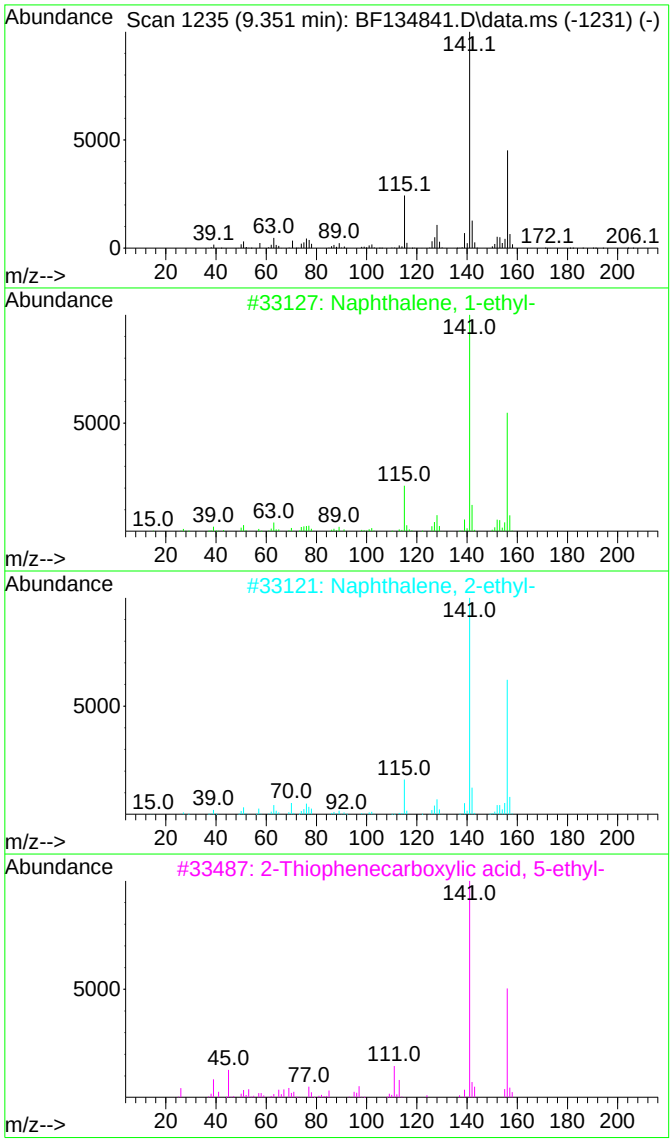
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

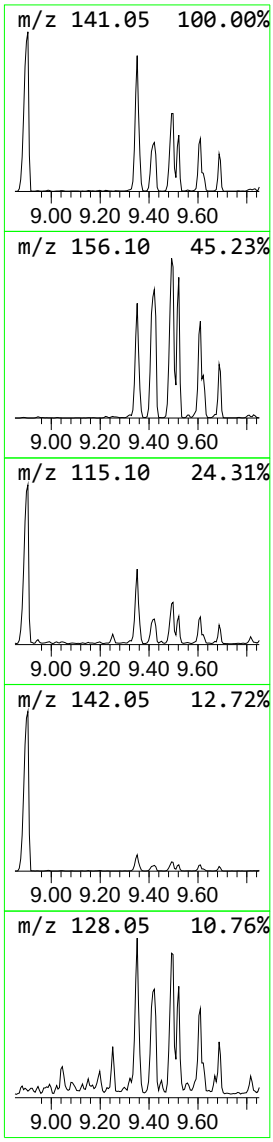
****

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	41.36 ng	4788170	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53





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Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

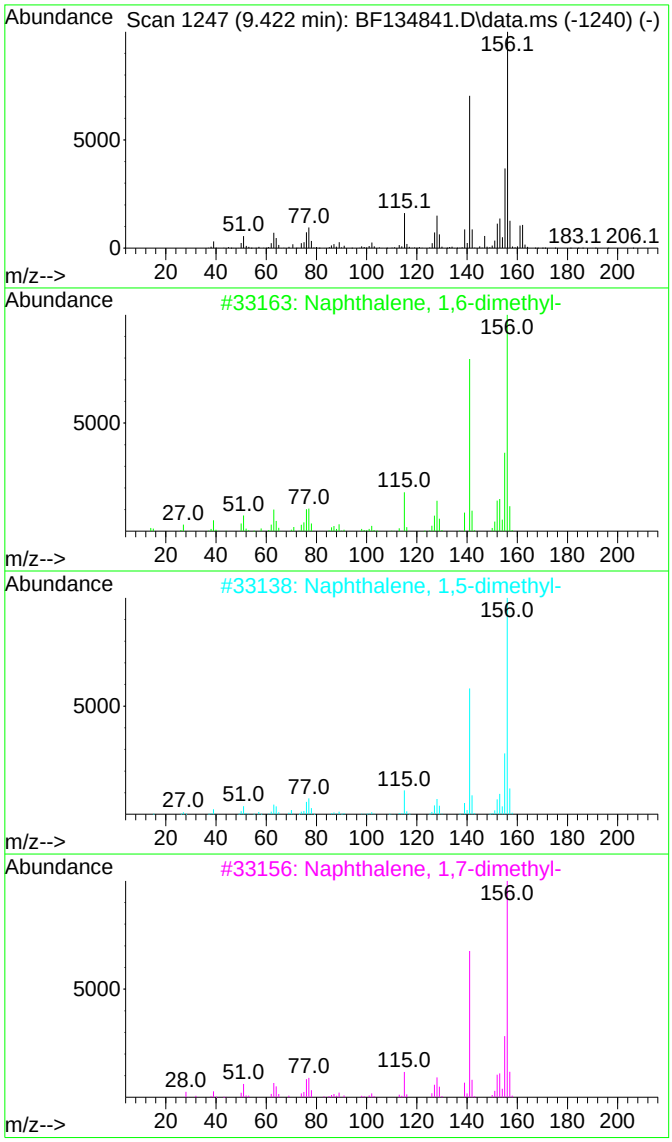
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

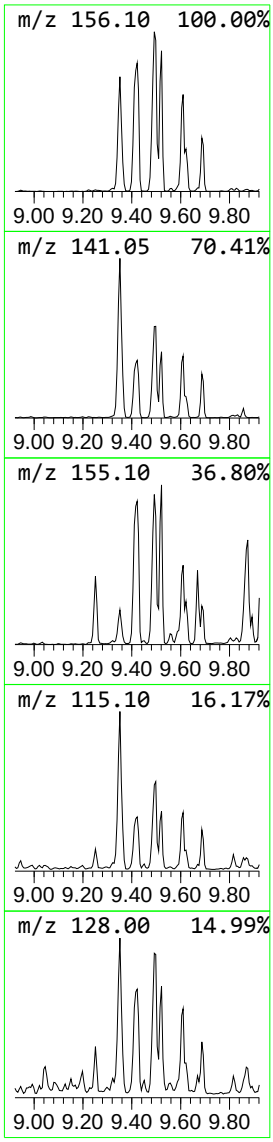
****

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	39.46 ng	4568090	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

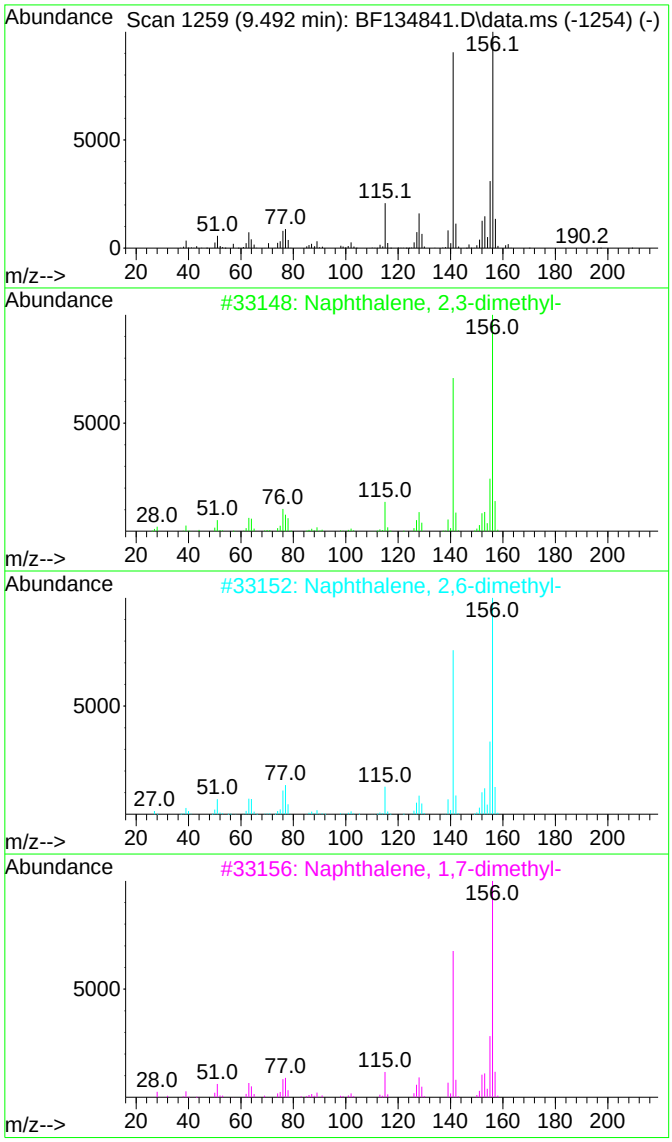
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

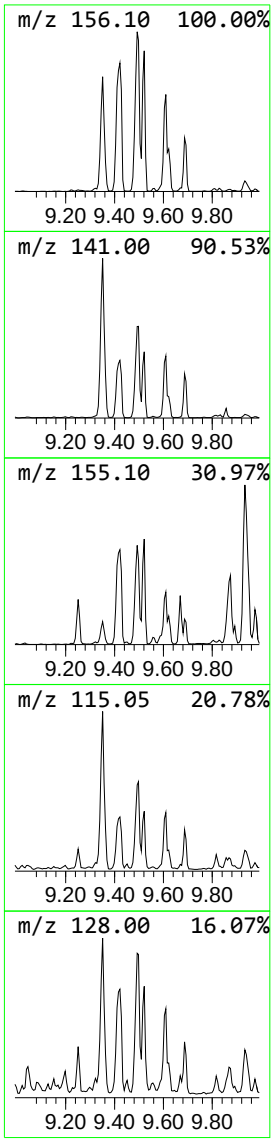
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	43.19 ng	5000040	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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

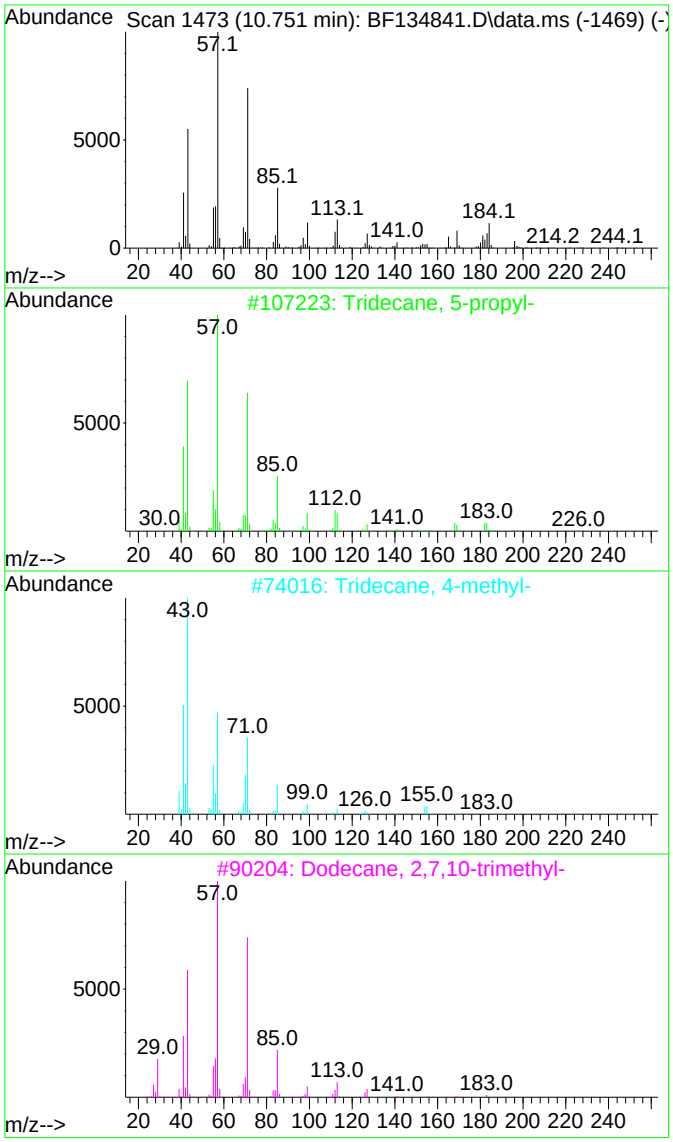
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

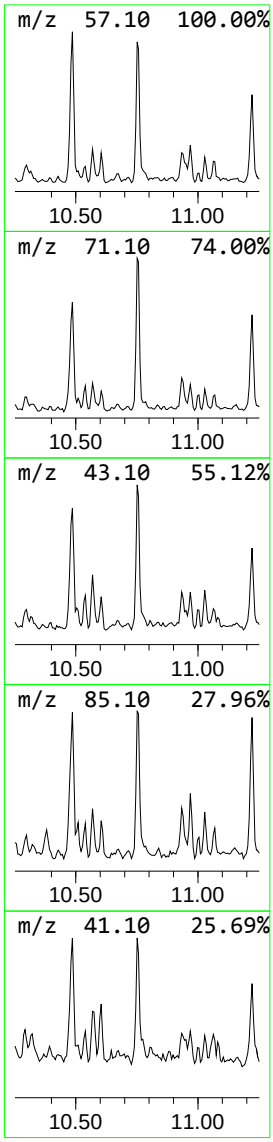
****

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	23.90 ng	958222	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	58
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	58





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Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z26-27

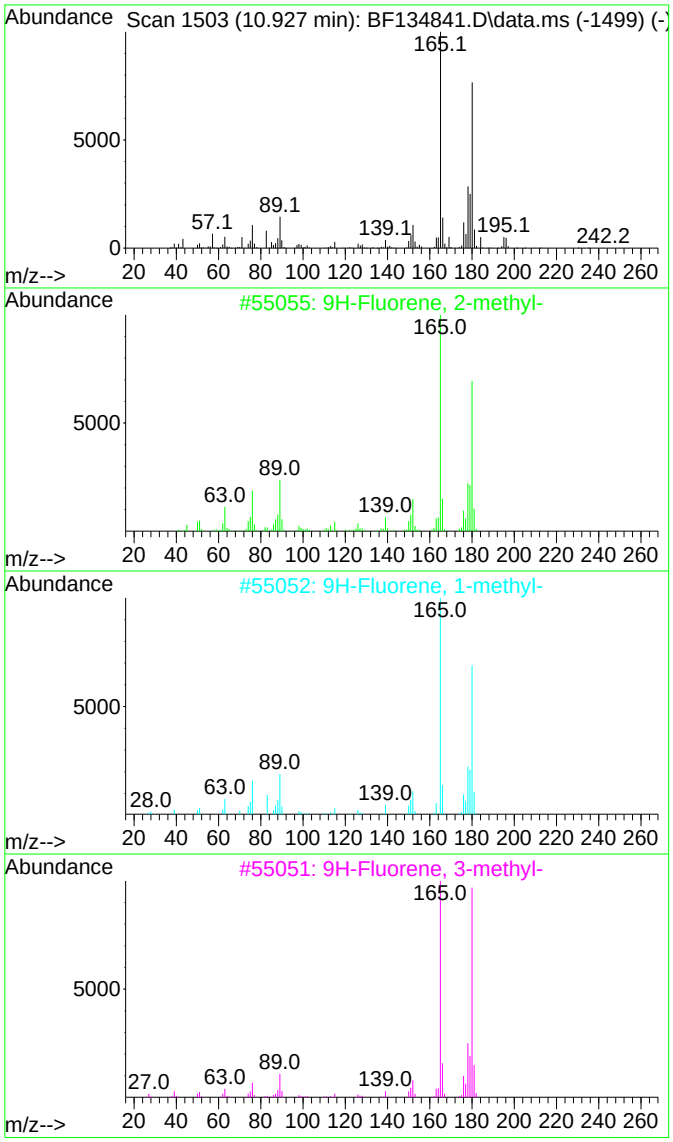
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

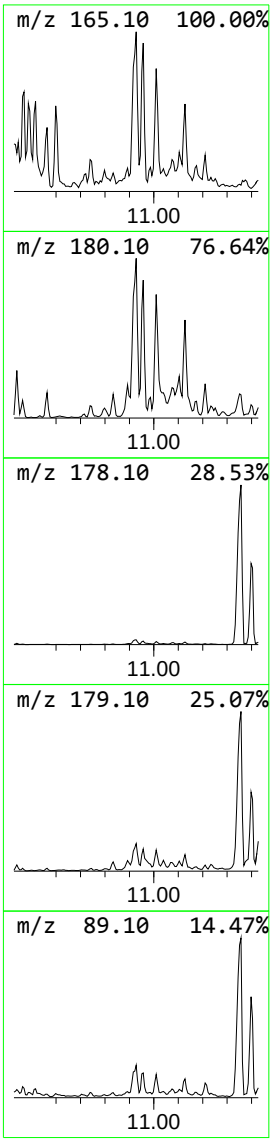
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	33.53 ng	1344130	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	72





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Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z26-27

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

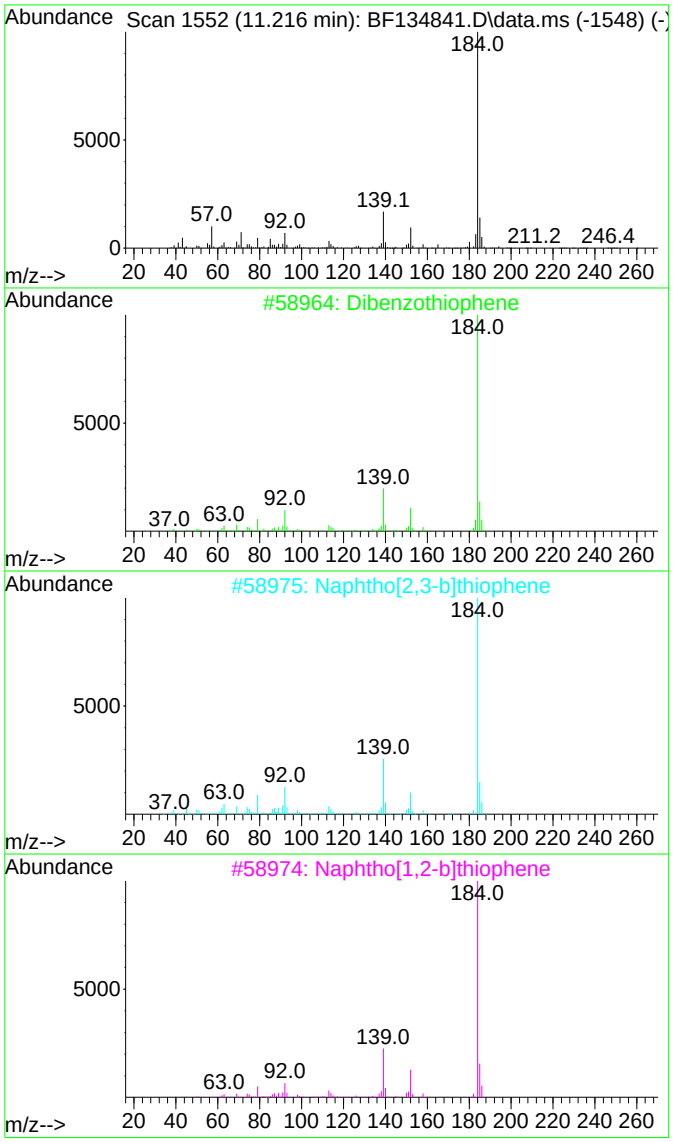
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

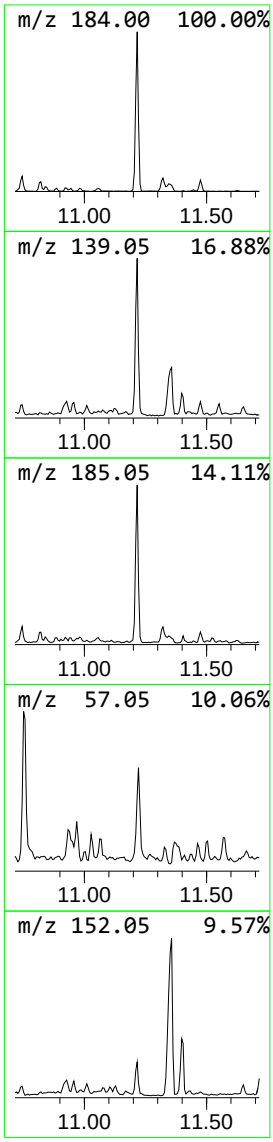
****

Peak Number 14 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	43.82 ng	1756650	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z26-27

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

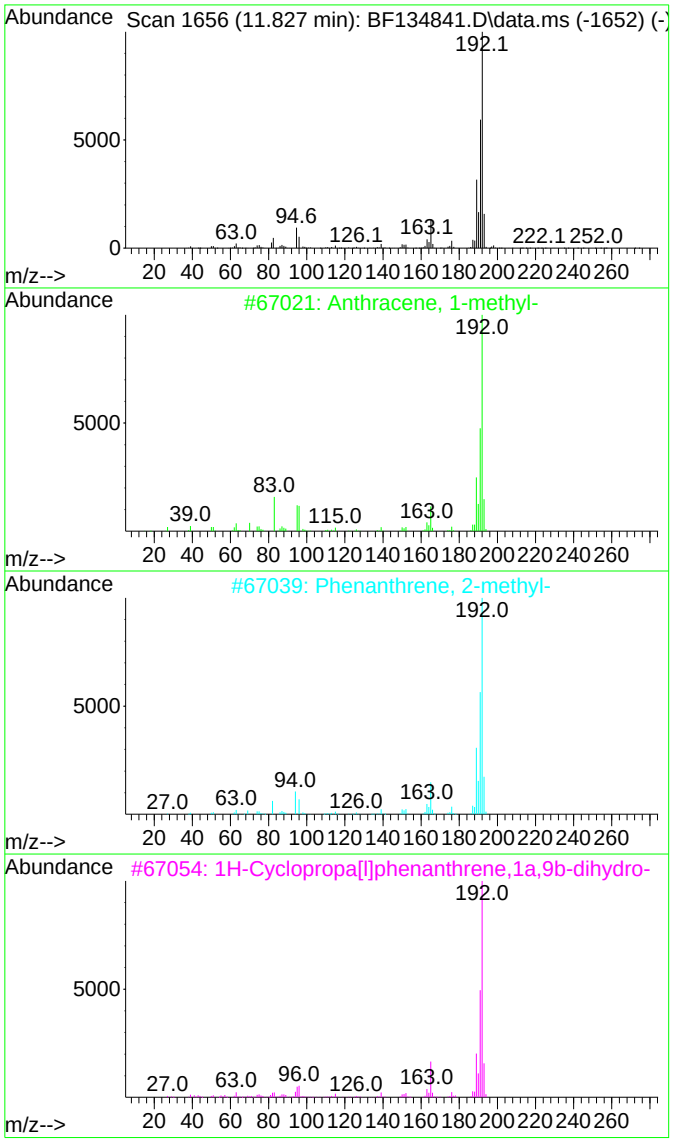
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

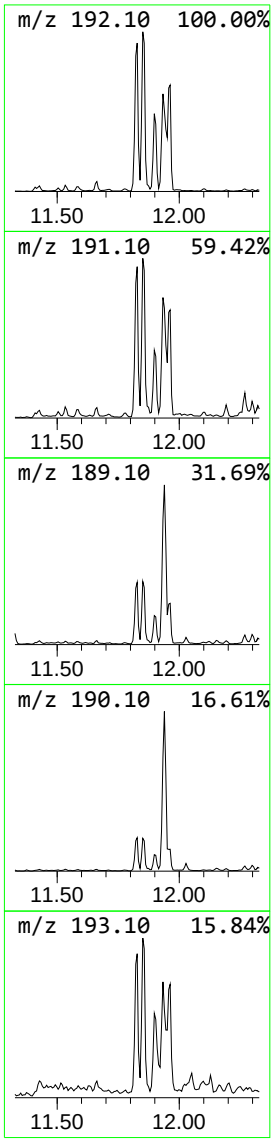
****

Peak Number 15 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	42.15 ng	1689910	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

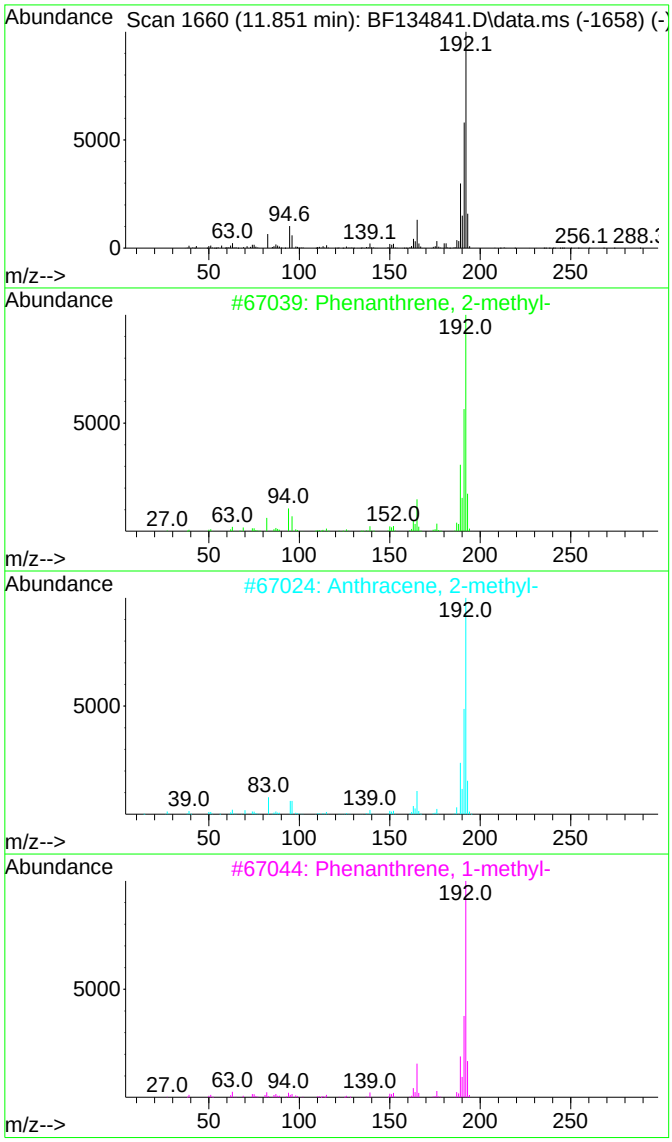
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

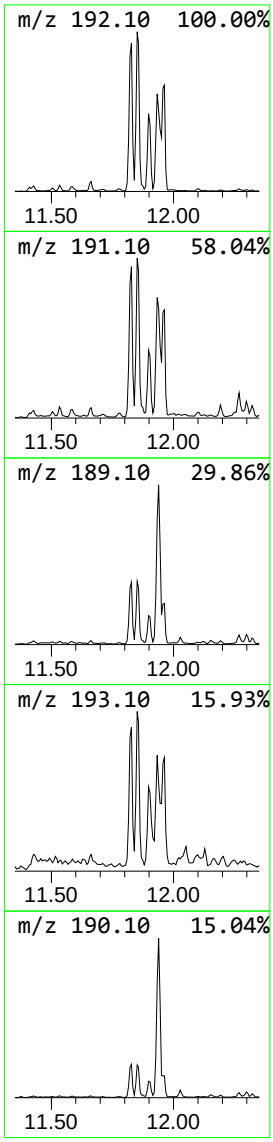
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	44.37 ng	1778810	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z26-27

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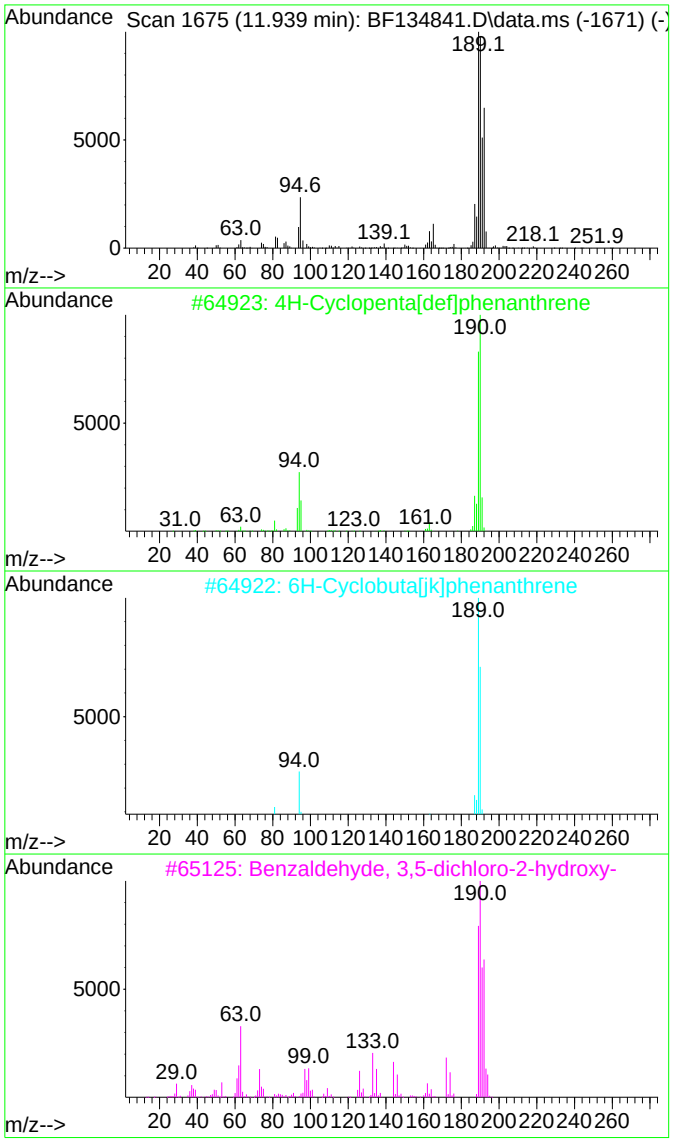
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

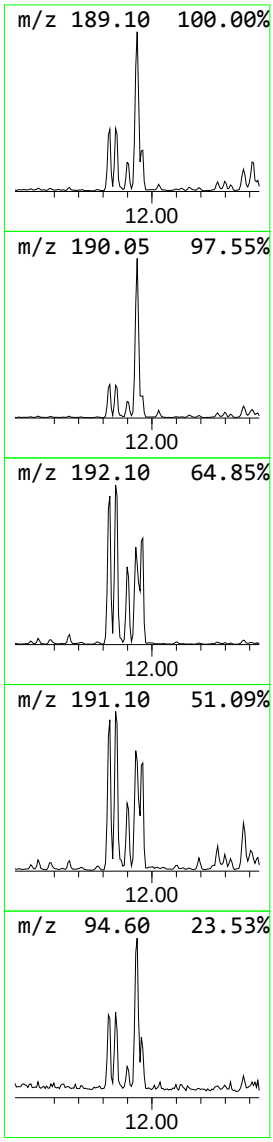
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	62.87 ng	2520410	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
5	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	35





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z26-27

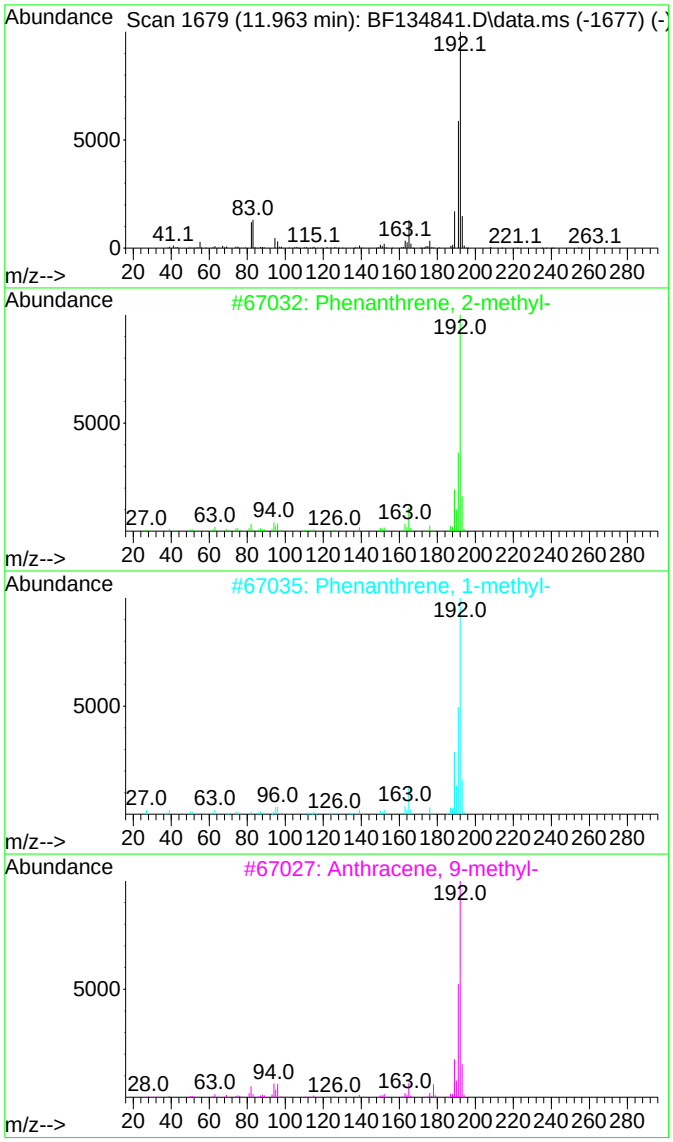
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

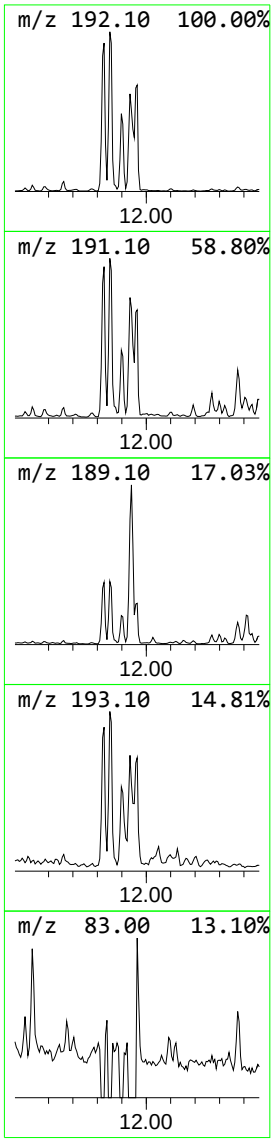
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	24.47 ng	980967	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

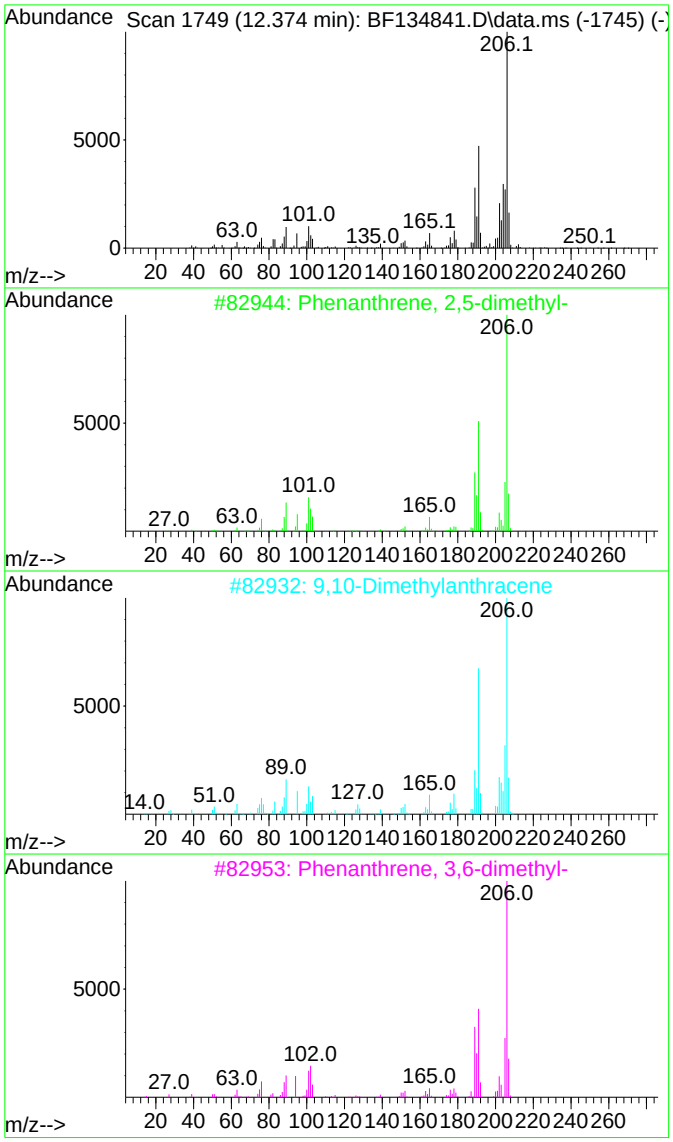
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

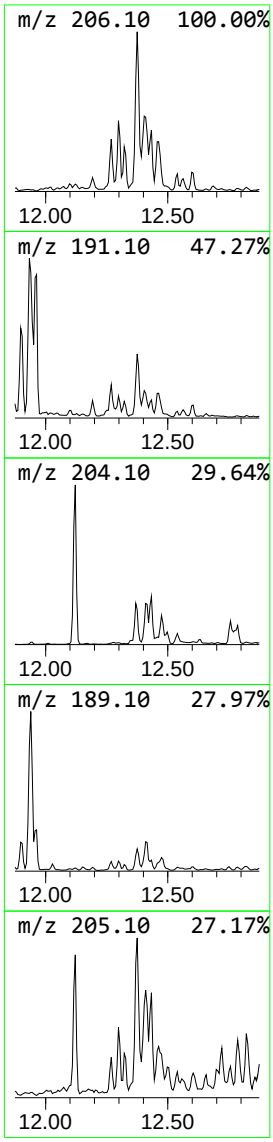
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	27.58 ng	1105660	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

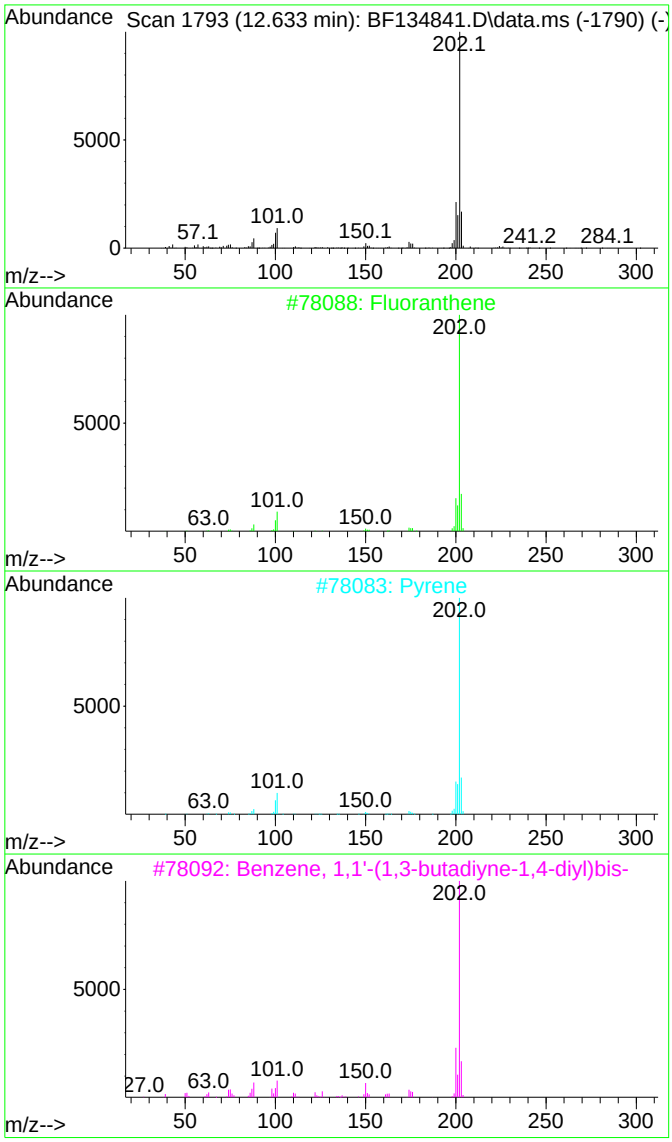
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

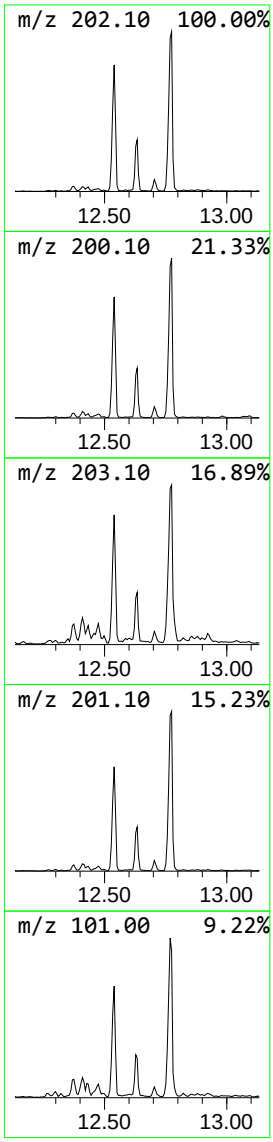
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	28.86 ng	1157130	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	72
4	l-Leucine, N-methyl-N-(2-methoxy...	443	C25H49NO5	1000328-54-8	38
5	2-pyrazinol, 3-bromo-5,6-dimethyl-	202	C6H7BrN2O	1010396-05-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134841.D
Acq On : 18 Aug 2023 15:34
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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	37.0	ng	1536890	1	6.792	831052	20.0
Mesitylene	6.622	56.6	ng	2351910	1	6.792	831052	20.0
Indane	6.981	187.3	ng	7780790	1	6.792	831052	20.0
Benzene, 1,3-di...	7.039	23.4	ng	974500	1	6.792	831052	20.0
Benzene, 1-ethy...	7.110	24.4	ng	1013800	1	6.792	831052	20.0
Benzene, 1-ethy...	7.328	34.8	ng	1446040	1	6.792	831052	20.0
Naphthalene, 1-...	9.351	41.4	ng	4788170	3	9.828	2315590	20.0
Naphthalene, 1,...	9.422	39.5	ng	4568090	3	9.828	2315590	20.0
Naphthalene, 2,...	9.492	43.2	ng	5000040	3	9.828	2315590	20.0
Tridecane, 5-pr...	10.751	23.9	ng	958222	4	11.322	801826	20.0
9H-Fluorene, 2-...	10.928	33.5	ng	1344130	4	11.322	801826	20.0
Dibenzothiophene	11.216	43.8	ng	1756650	4	11.322	801826	20.0
Anthracene, 1-m...	11.827	42.1	ng	1689910	4	11.322	801826	20.0
Phenanthrene, 2...	11.851	44.4	ng	1778810	4	11.322	801826	20.0
4H-Cyclopenta[d...	11.939	62.9	ng	2520410	4	11.322	801826	20.0
Phenanthrene, 1...	11.963	24.5	ng	980967	4	11.322	801826	20.0
Phenanthrene, 2...	12.374	27.6	ng	1105660	4	11.322	801826	20.0
Benzene, 1,1'-(...	12.633	28.9	ng	1157130	4	11.322	801826	20.0