LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132482.D
Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.260	407	412	420	rVB	1739169	2106905	46.80%	2.545%
2	5.648	473	478	481	rBV	4365317	4338527	96.37%	5.240%
3	5.872	512	516	531	rBV	695721	986037	21.90%	1.191%
4	6.648	641	648	651	rBV	4350165	4352711	96.68%	5.257%
5	6.737	659	663	673	rVB	147492	209065	4.64%	0.252%
6	6.860	679	684	688	rBV	1180353	1530773	34.00%	1.849%
7	6.895	688	690	699	rVB	575670	736673	16.36%	0.890%
8	7.025	708	712	715	rBV	1671365	1289798	28.65%	1.558%
9	7.290	753	757	764	rBV	1172941	1422480	31.60%	1.718%
10	7.525	794	797	800	rVB	184434	152174	3.38%	0.184%
11	7.590	804	808	811	rVV	3271490	2932480	65.13%	3.542%
12	7.631	812	815	821	rVV	505212	684739	15.21%	0.827%
13	7.678	821	823	829	rVB	416465	402534	8.94%	0.486%
14	7.854	850	853	855	rBV	466311	402273	8.94%	0.486%
15	7.884	855	858	862	rVB	1528933	1366900	30.36%	1.651%
16	8.060	883	888	891	rBV	811382	828799	18.41%	1.001%
17	8.090	891	893	894	rBV	356681	271423	6.03%	0.328%
18	8.107	894	896	899	rVB	934259	717898	15.95%	0.867%
19	8.178	904	908	911	rVB2	184629	176637	3.92%	0.213%
20	8.313	928	931	933	rVV	1926834	1563702	34.73%	1.889%
21	8.331	933	934	937	rVB	265527	174351	3.87%	0.211%
22	8.525	961	967	970	rBV	1613892	1414596	31.42%	1.708%
23	8.584	973	977	981	rBV	1877259	1549099	34.41%	1.871%
24	8.766	1003	1008	1010	rVV	153929	169992	3.78%	0.205%
25	8.813	1014	1016	1018	rBV	175360	146008	3.24%	0.176%
26	9.019	1048	1051	1055	rVB	1198311	978977	21.74%	1.182%
27	9.078	1058	1061	1065	rBV	568194	465368	10.34%	0.562%
28	9.125	1066	1069	1072	rBV	439683	353676	7.86%	0.427%
29	9.195	1078	1081	1083	rBV	422631	340518	7.56%	0.411%
30	9.213	1083	1084	1089	rVV	166654	154913	3.44%	0.187%
31	9.307	1096	1100	1105	rVB	651646	571285	12.69%	0.690%
32	9.389	1110	1114	1117	rVV	5356783	4502169	100.00%	5.437%
33	9.448	1120	1124	1128	rVB3	192608	240842	5.35%	0.291%
34	9.519	1133	1136	1139	rBV	1516675	1269205	28.19%	1.533%
35	9.548	1139	1141	1144	rVB	233140	195535	4.34%	0.236%
36	9.601	1148	1150	1153	rVB	202339	149361	3.32%	0.180%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0159

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.631	1153	1155	1157	rBV	193407	171506	3.81%	0.207%
38	9.689	1161	1165	1168	rVB	278610	279632	6.21%	0.338%
39	9.731	1168	1172	1174	rBV	203187	224683	4.99%	0.271%
40	9.795	1181	1183	1185	rVB	236315	180816	4.02%	0.218%
41	9.872	1194	1196	1201	rVB2	193036	242510	5.39%	0.293%
42	9.936	1201	1207	1212	rBV	597731	690174	15.33%	0.834%
43	10.013	1217	1220	1222	rBV	736613	606677	13.48%	0.733%
44	10.042	1222	1225	1228	rVV	406360	446514	9.92%	0.539%
45	10.078	1228	1231	1233	rVV	1590735	1461574	32.46%	1.765%
46	10.107	1233	1236	1238	rVB	480999	393362	8.74%	0.475%
47	10.383	1280	1283	1286	rBV2	100978	143779	3.19%	0.174%
48	10.625	1321	1324	1328	rVB	378378	402637	8.94%	0.486%
49	10.783	1348	1351	1355	rVB	304195	291974	6.49%	0.353%
50	10.866	1361	1365	1369	rBV	2602515	2255143	50.09%	2.724%
51	11.066	1395	1399	1401	rBV2	135238	145748	3.24%	0.176%
52	11.095	1401	1404	1407	rVB	224214	184001	4.09%	0.222%
53	11.372	1448	1451	1456	rVB2	223889	246058	5.47%	0.297%
54	11.466	1465	1467	1471	rVB	265881	225482	5.01%	0.272%
55	11.572	1481	1485	1487	rBV	1470635	1326488	29.46%	1.602%
56	11.595	1487	1489	1493	rVV	3026019	2553101	56.71%	3.083%
57	11.648	1493	1498	1500	rVV	628888	543646	12.08%	0.657%
58	11.801	1521	1524	1527	rVB	189772	163885	3.64%	0.198%
59	12.077	1567	1571	1573	rVV2	949855	951122	21.13%	1.149%
60	12.101	1573	1575	1579	rVV	921474	813189	18.06%	0.982%
61	12.148	1581	1583	1586	rVV	249414	226007	5.02%	0.273%
62	12.189	1586	1590	1592	rVV2	787868	924584	20.54%	1.117%
63	12.213	1592	1594	1596	rVB	465704	371617	8.25%	0.449%
64	12.372	1618	1621	1623	rBV	318418	266212	5.91%	0.322%
65	12.395	1623	1625	1629	rVB2	237194	195981	4.35%	0.237%
66	12.554	1649	1652	1654	rBV	251852	209609	4.66%	0.253%
67	12.577	1654	1656	1658	rVB	196698	147519	3.28%	0.178%
68	12.630	1661	1665	1668	rVV	562668	602074	13.37%	0.727%
69	12.666	1668	1671	1673	rVV2	267713	339433	7.54%	0.410%
70	12.713	1677	1679	1685	rBV2	278951	343739	7.63%	0.415%
71	12.795	1689	1693	1697	rBV	3249080	2958841	65.72%	3.573%
72	12.889	1706	1709	1712	rVB	214414	175947	3.91%	0.212%
73	13.030	1726	1733	1738	rVV	3247131	3607914	80.14%	4.357%
74	13.072	1738	1740	1744	rVB2	284186	309241	6.87%	0.373%
75	13.160	1751	1755	1758	rBV	3440575	3109110	69.06%	3.755%
76	13.242	1765	1769	1773	rBV2	325665	557859	12.39%	0.674%

LSC Area Percent Report

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Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.330	1780	1784	1785	rBV3	283538	325113	7.22%	0.393%
78	13.354	1785	1788	1791	rVB	571473	554904	12.33%	0.670%
79	13.419	1797	1799	1802	rBV	300231	234186	5.20%	0.283%
80	13.460	1802	1806	1809	rVB2	541813	510479	11.34%	0.617%
81	13.554	1819	1822	1824	rBV	387947	325982	7.24%	0.394%
82	13.583	1824	1827	1830	rVB	383566	328603	7.30%	0.397%
83	13.866	1872	1875	1879	rVB	362257	376730	8.37%	0.455%
84	13.977	1889	1894	1897	rBV3	302085	488401	10.85%	0.590%
85	14.007	1897	1899	1901	rVV	331362	256483	5.70%	0.310%
86	14.030	1901	1903	1907	rVV2	242443	405733	9.01%	0.490%
87	14.071	1908	1910	1919	rVB	391197	537783	11.94%	0.649%
88	14.189	1928	1930	1932	rBV	152057	141344	3.14%	0.171%
89	14.224	1932	1936	1940	rVV2	1854106	2716858	60.35%	3.281%
90	14.260	1940	1942	1948	rVB	1482858	1244765	27.65%	1.503%
91	14.319	1949	1952	1954	rBV2	399789	372762	8.28%	0.450%
92	14.618	2001	2003	2006	rVB	413277	357656	7.94%	0.432%
93	14.654	2007	2009	2012	rVB	220763	181156	4.02%	0.219%
94	15.330	2119	2124	2127	rBV	763158	1288954	28.63%	1.557%
95	15.448	2141	2144	2148	rVB	154256	169388	3.76%	0.205%
96	15.660	2177	2180	2186	rVB	541246	700614	15.56%	0.846%
97	15.730	2188	2192	2197	rVB	769116	990285	22.00%	1.196%
98	15.795	2199	2203	2207	rBV	532714	794050	17.64%	0.959%
99	17.412	2474	2478	2488	rVB2	297143	601884	13.37%	0.727%
100	17.907	2558	2562	2570	rVB	228529	459181	10.20%	0.555%

Sum of corrected areas: 82801105

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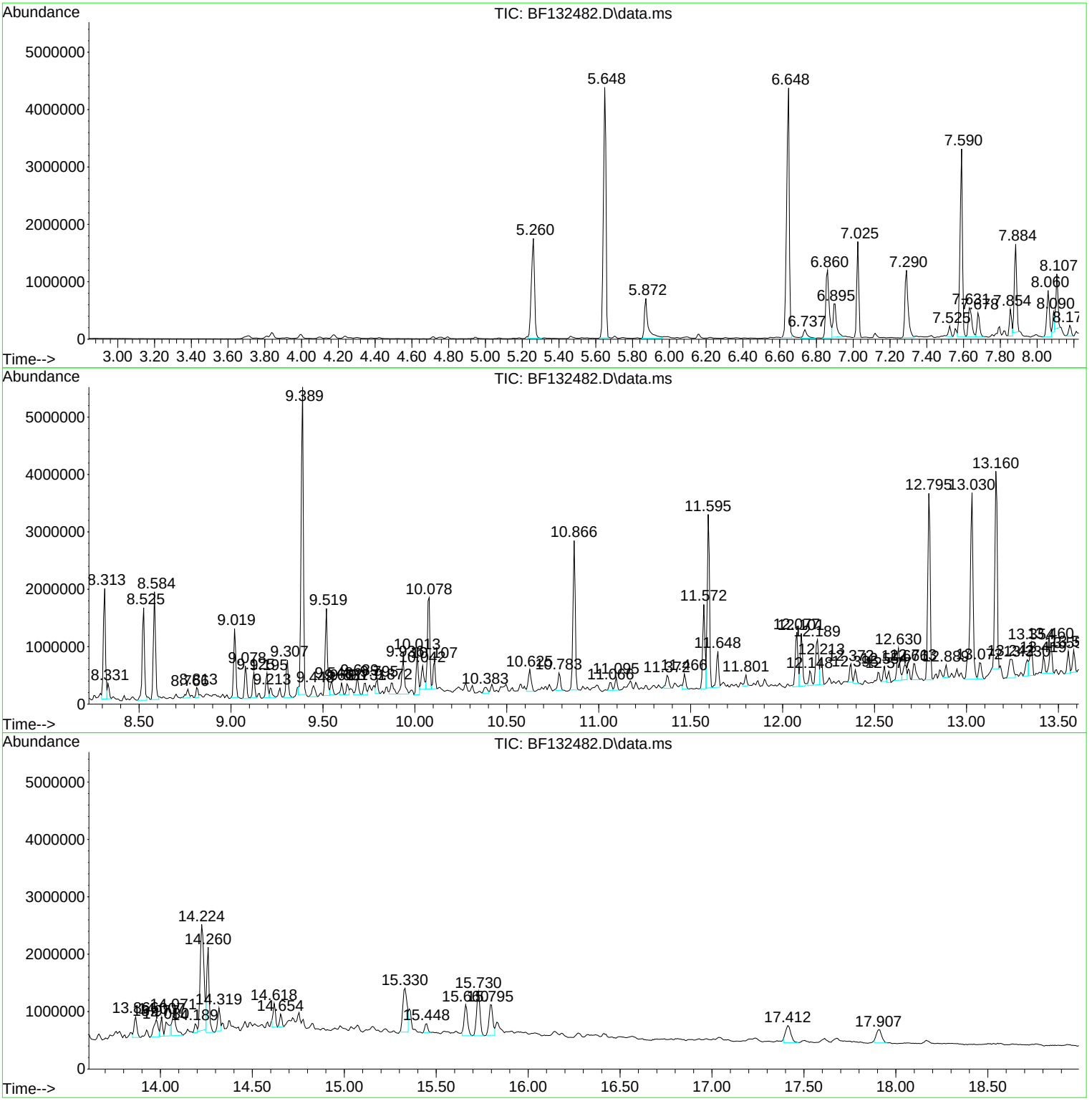
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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\BF022023\
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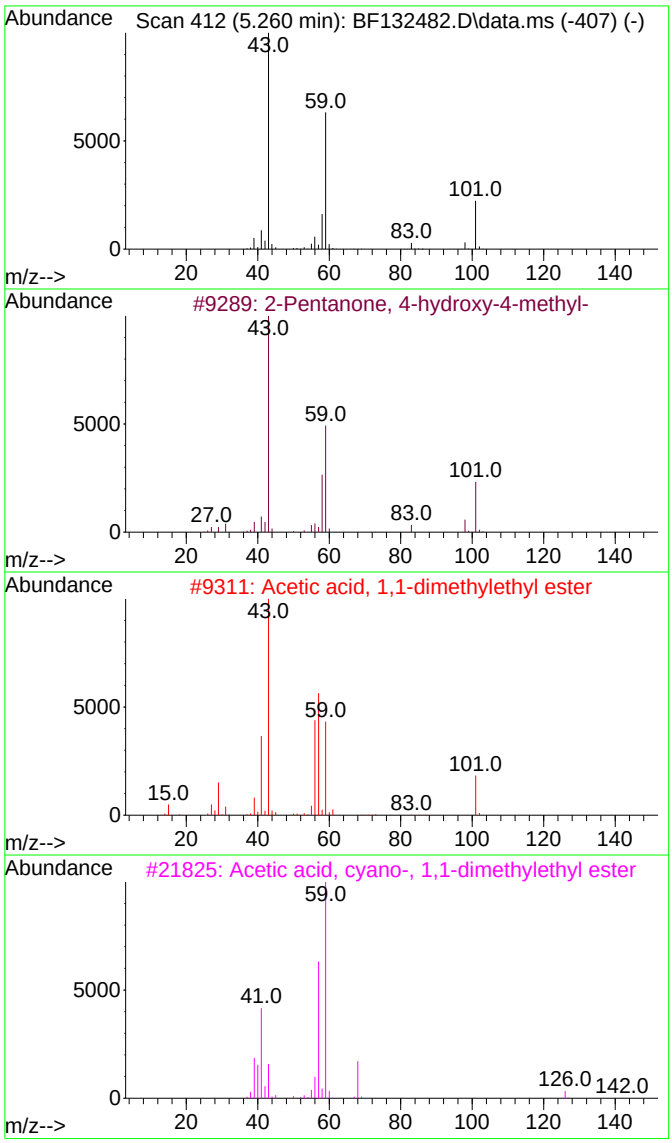
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

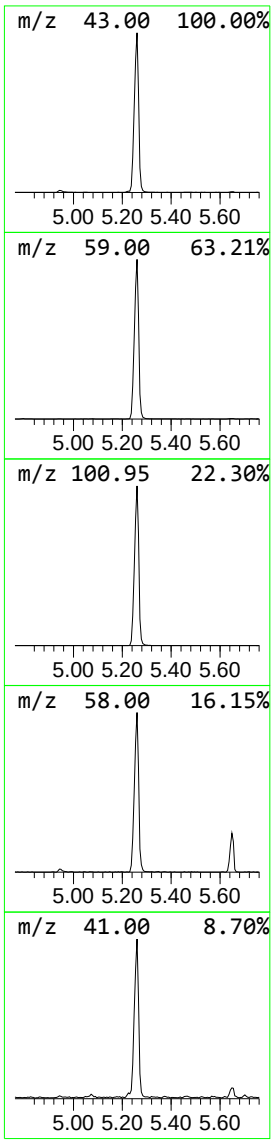
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.260	32.67 ng	2106910	1,4-Dichlorobenzene-d4	7.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132482.D
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ALS Vial : 13 Sample Multiplier: 1

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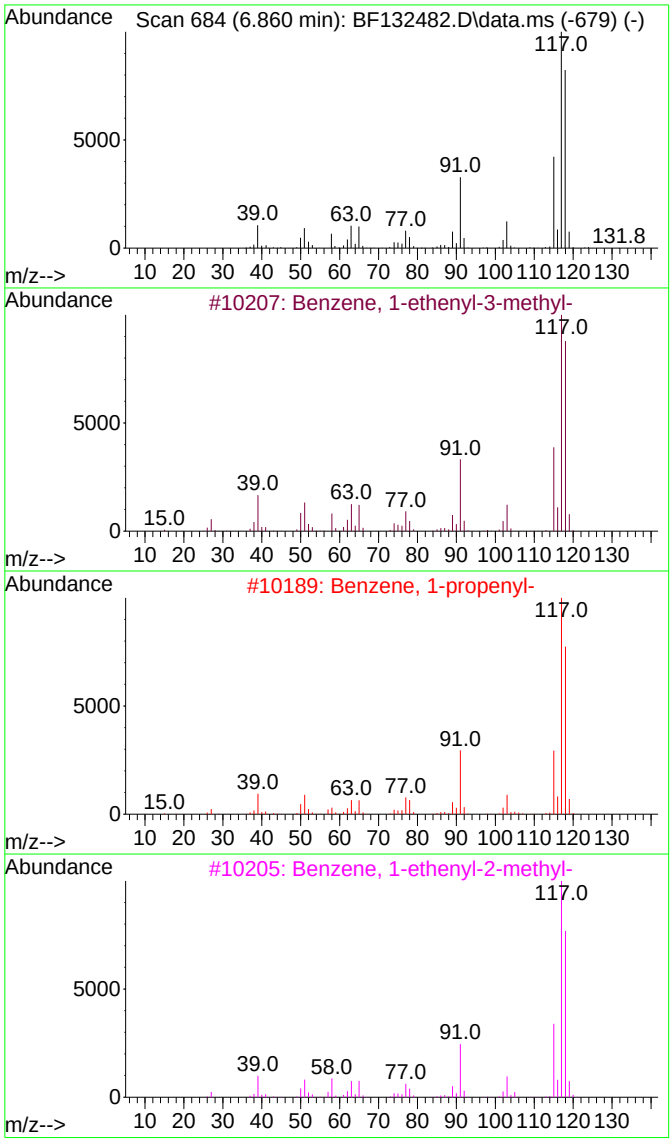
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

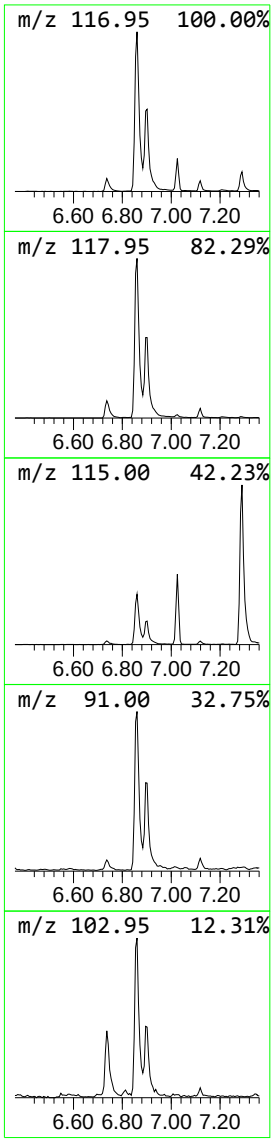
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.860	23.74 ng	1530770	1,4-Dichlorobenzene-d4	7.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132482.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

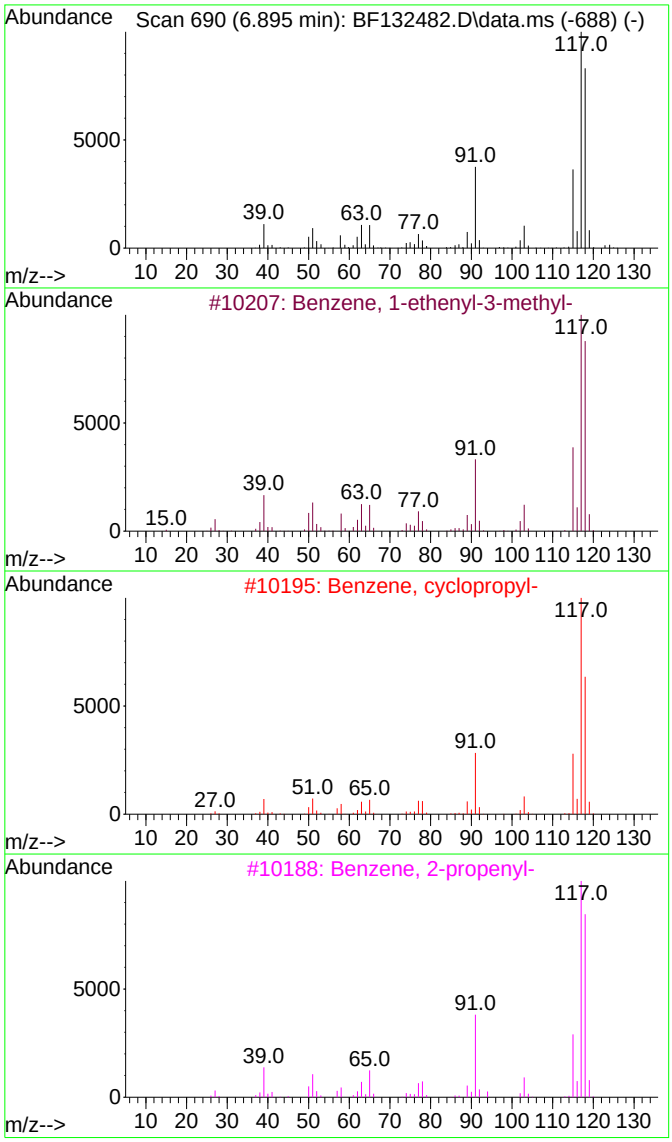
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

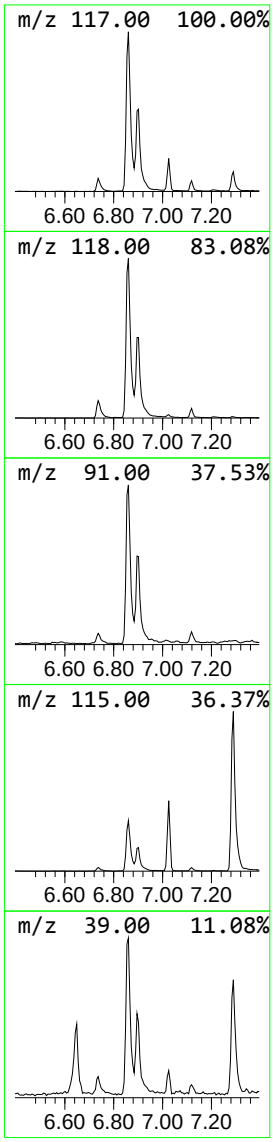
****

Peak Number 4 Benzene, cyclopropyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.895	11.42 ng	736673	1,4-Dichlorobenzene-d4	7.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

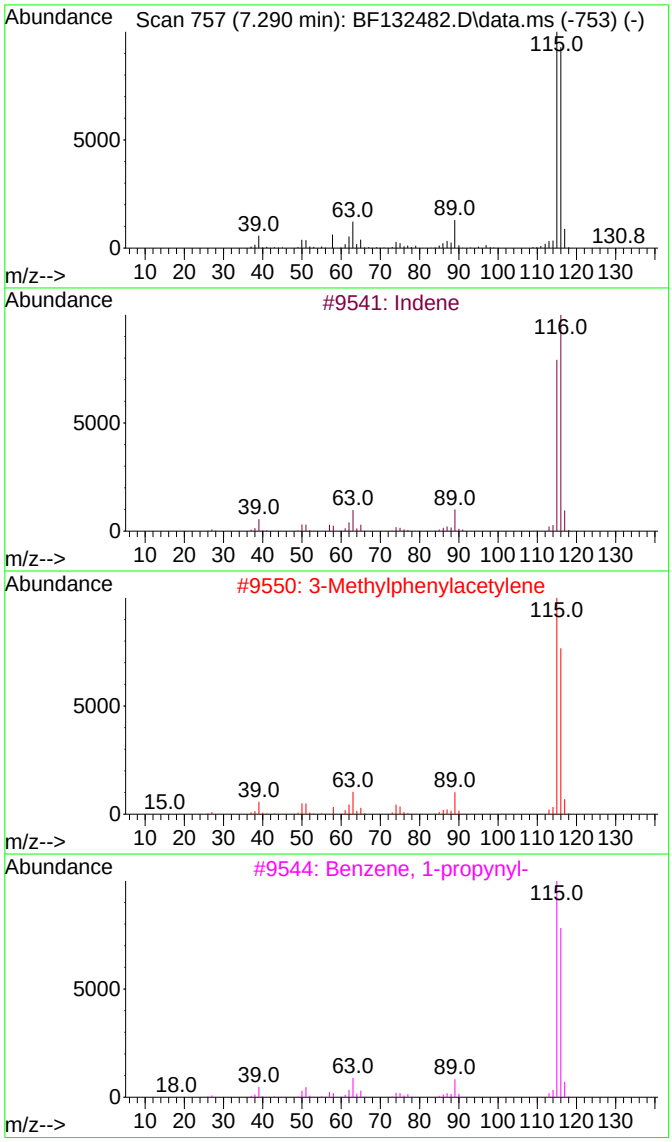
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

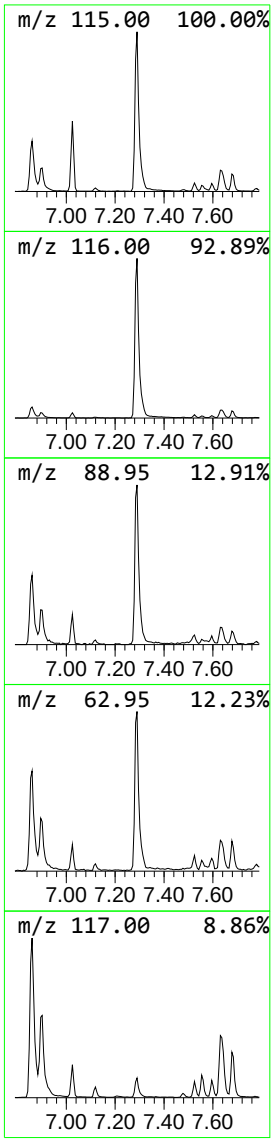
****

Peak Number 5 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.290	22.06 ng	1422480	1,4-Dichlorobenzene-d4	7.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





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Data File : BF132482.D
Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

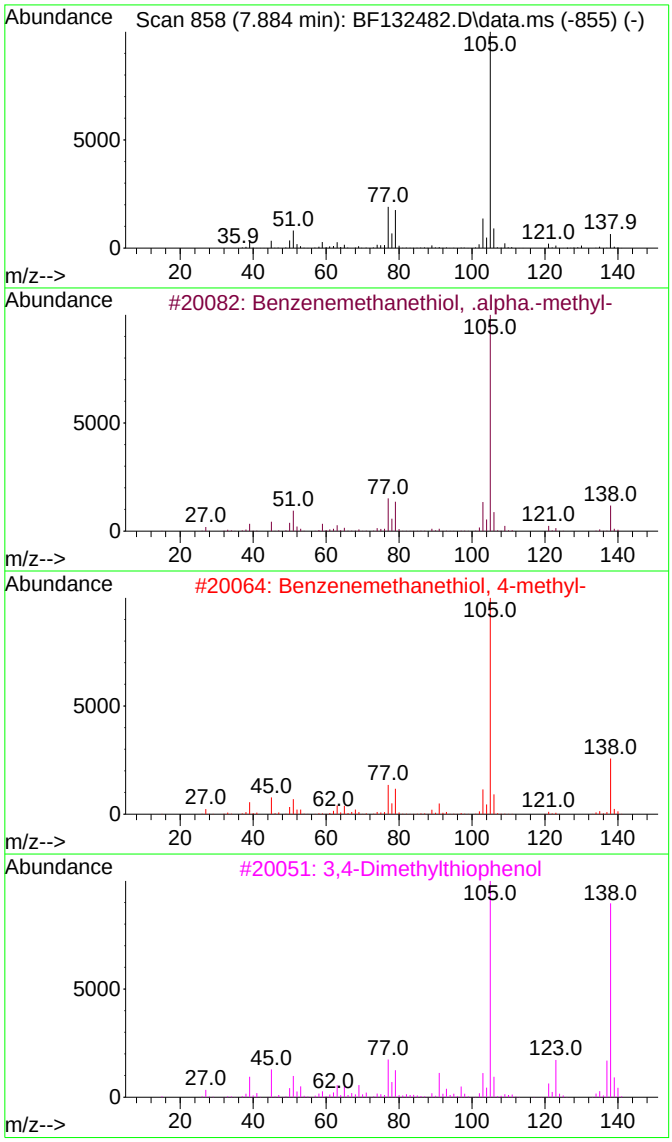
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

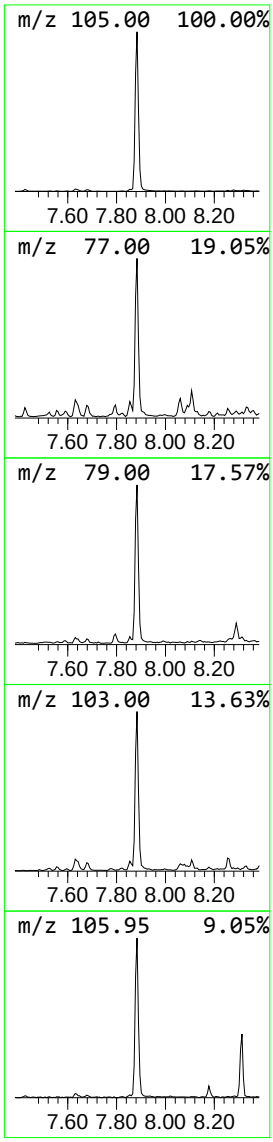
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzenemethanethiol, .alpha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.884	17.48 ng	1366900	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
5	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72





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Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

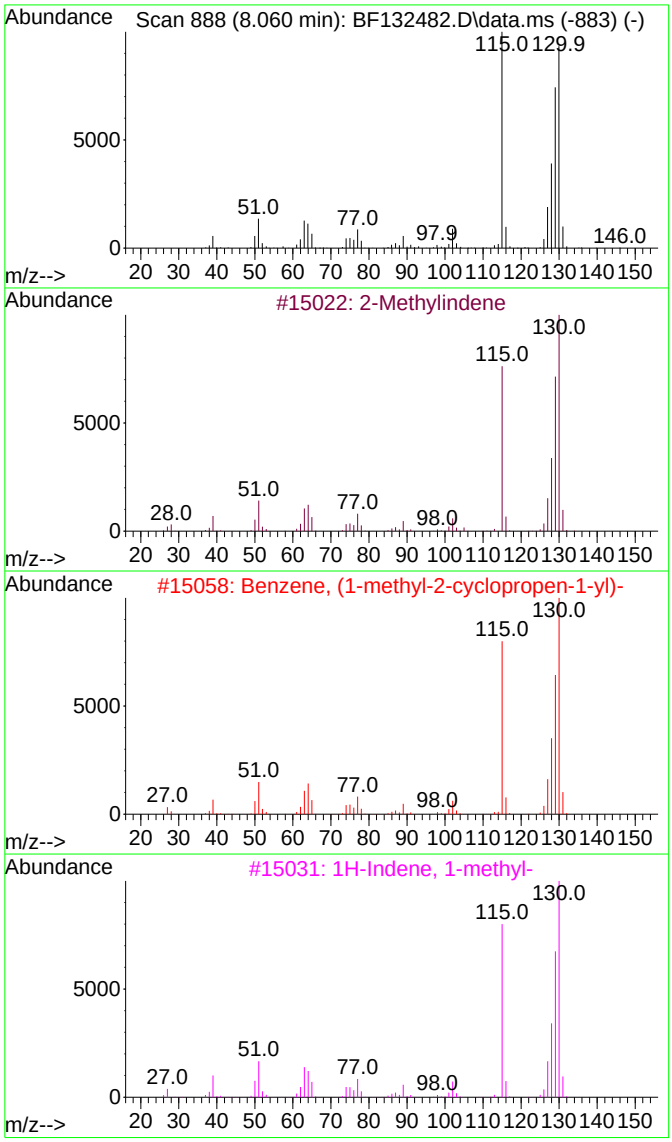
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

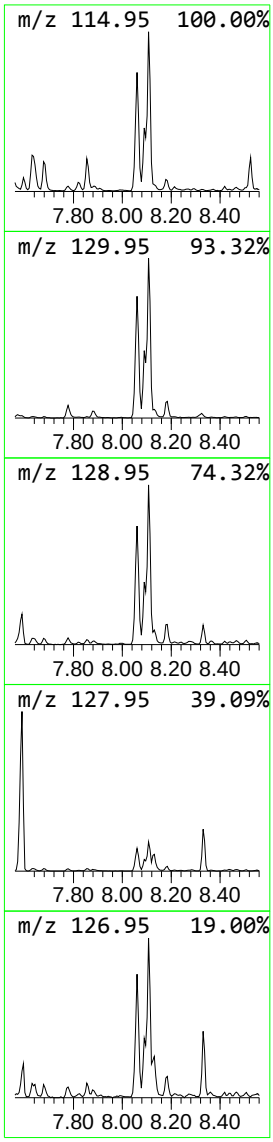
****

Peak Number 7 2-Methylindene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.060	10.60 ng	828799	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

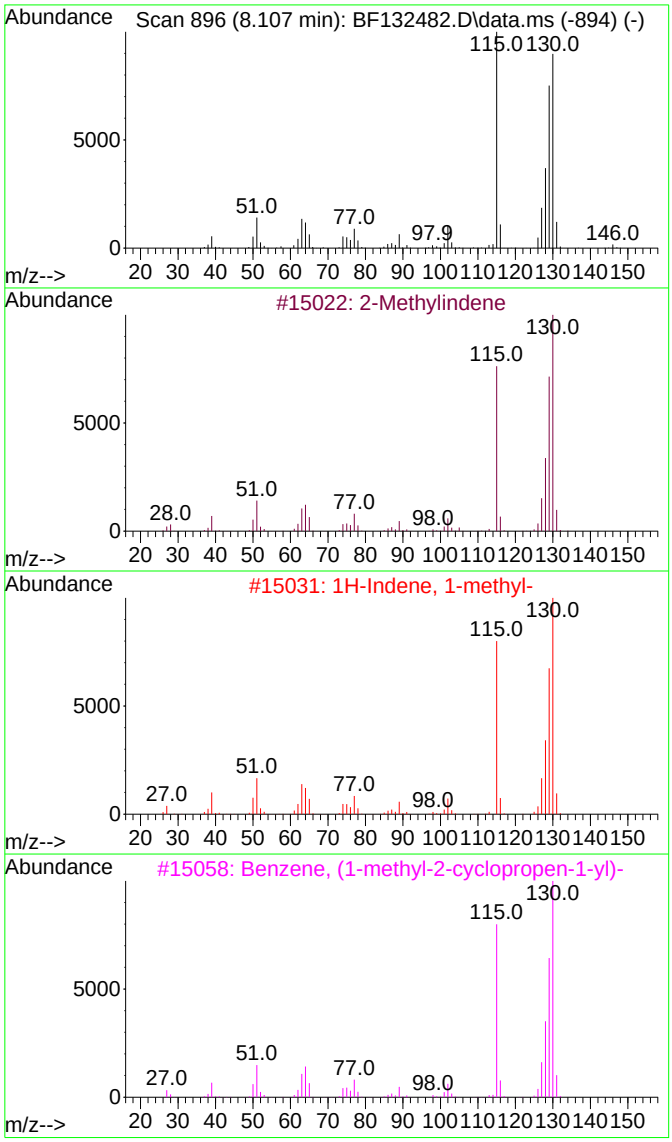
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

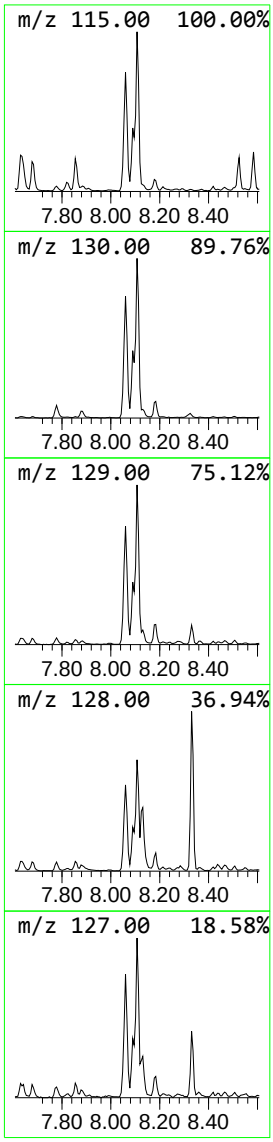
****

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.107	9.18 ng	717898	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





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Operator : CG\JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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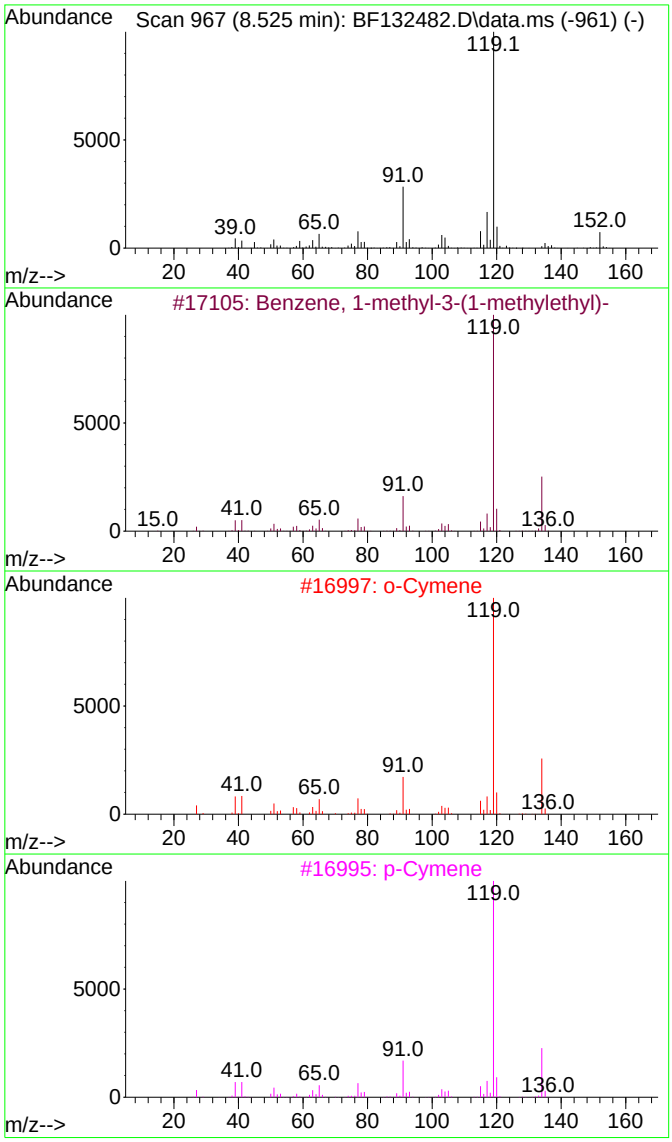
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

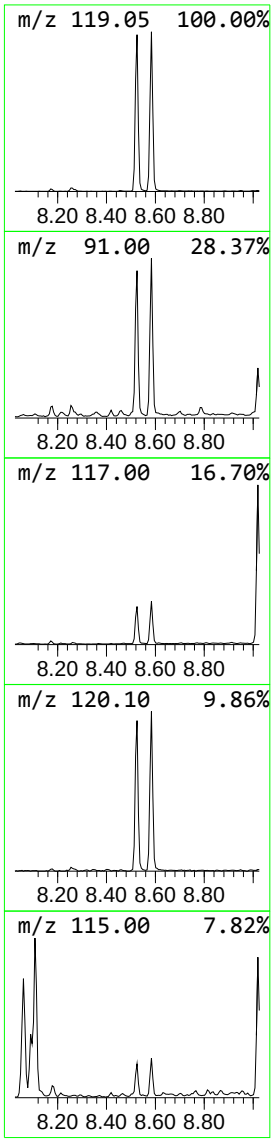
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.525	18.09 ng	1414600	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	p-Cymene	134	C10H14	000099-87-6	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64





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Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

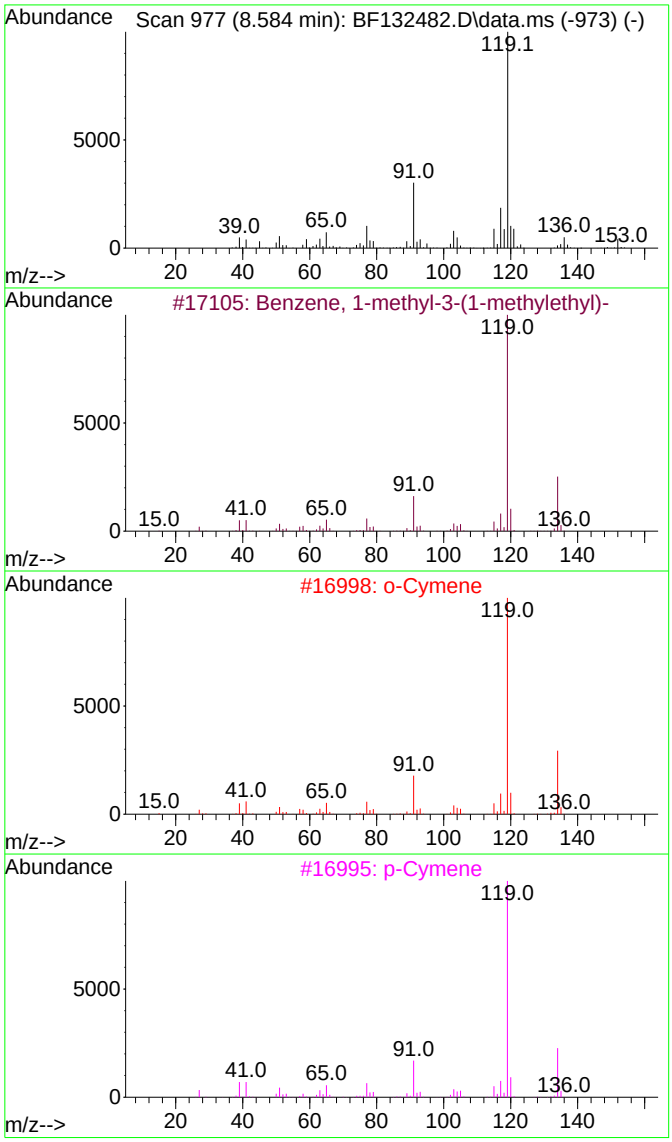
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

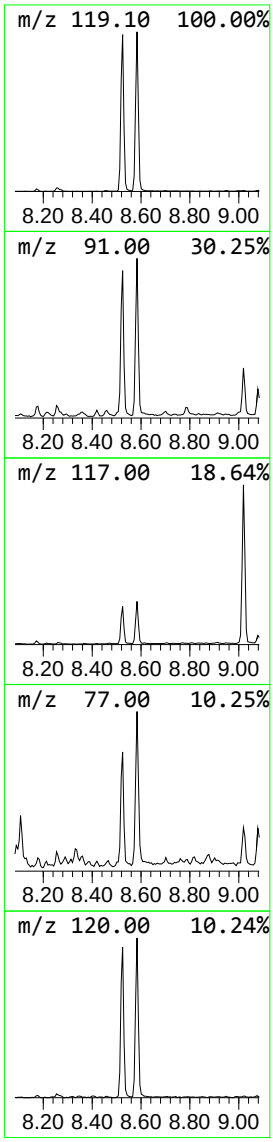
****

Peak Number 10 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.584	19.81 ng	1549100	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	o-Cymene	134	C10H14	000527-84-4	87
3	p-Cymene	134	C10H14	000099-87-6	81
4	.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	78
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72





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Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

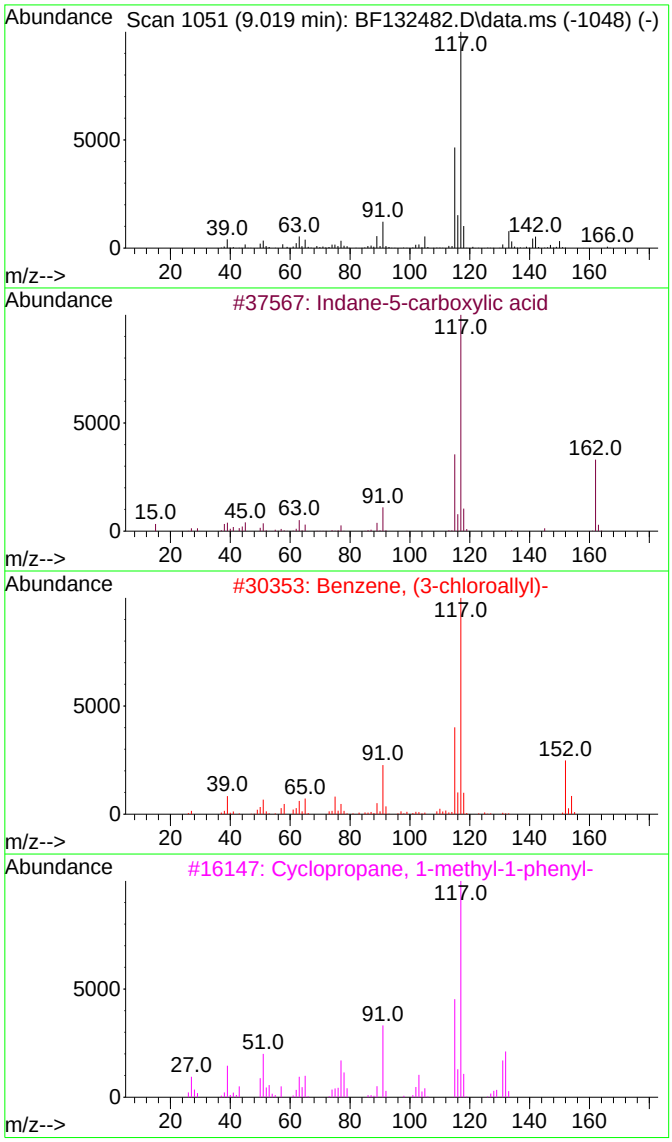
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

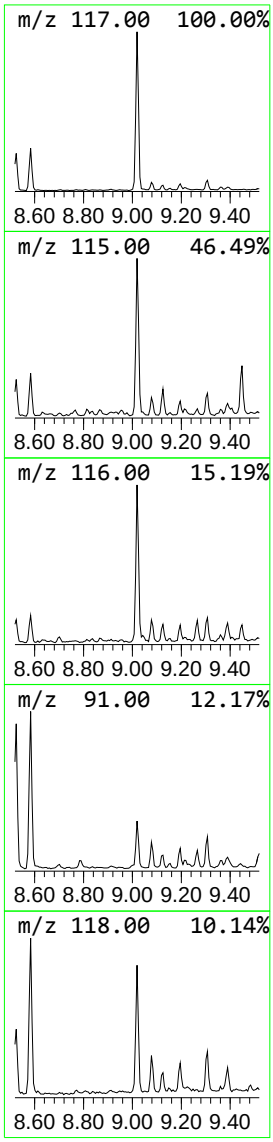
****

Peak Number 11 Indane-5-carboxylic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.019	12.52 ng	978977	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	78
2	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	72
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	72
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
5	Benzene, (3-chloro-1-propenyl)-	152	C9H9Cl	002687-12-9	59





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Instrument :
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ClientSampleId :
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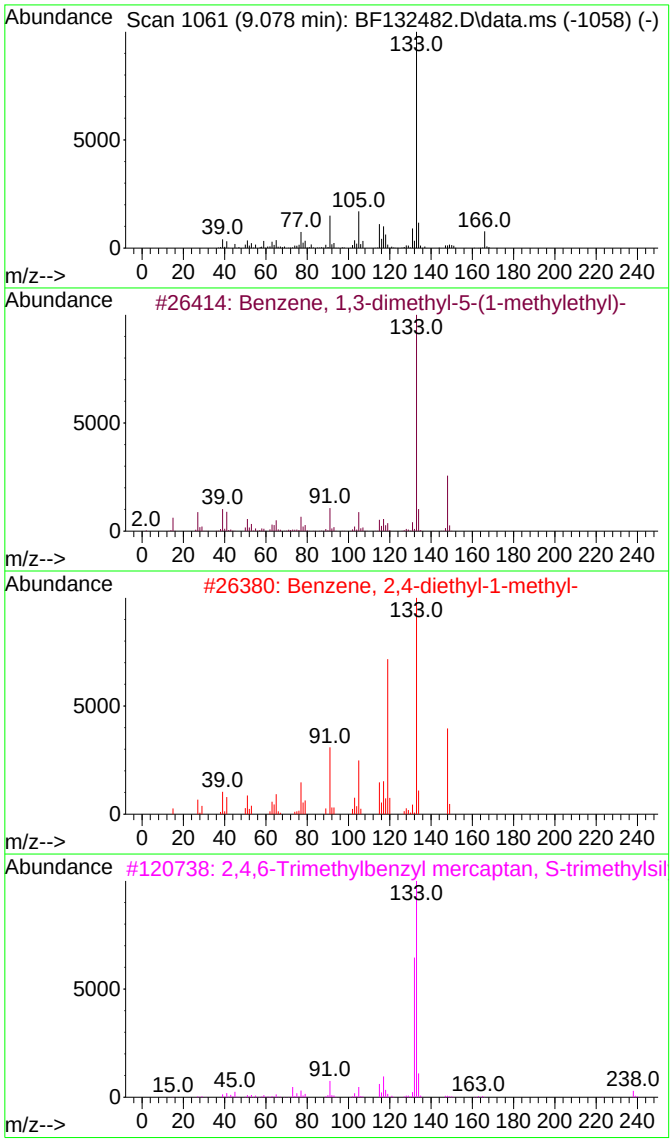
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

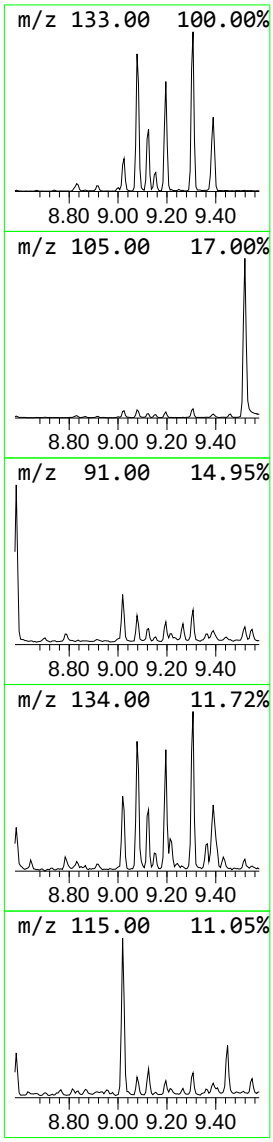
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.078	5.95 ng	465368	Naphthalene-d8	8.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	78
3	2,4,6-Trimethylbenzyl mercaptan,...	238	C13H22SSi	1000469-60-9	72
4	2,4,6-Trimethylbenzyl mercaptan	166	C10H14S	021411-42-7	68
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	64





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Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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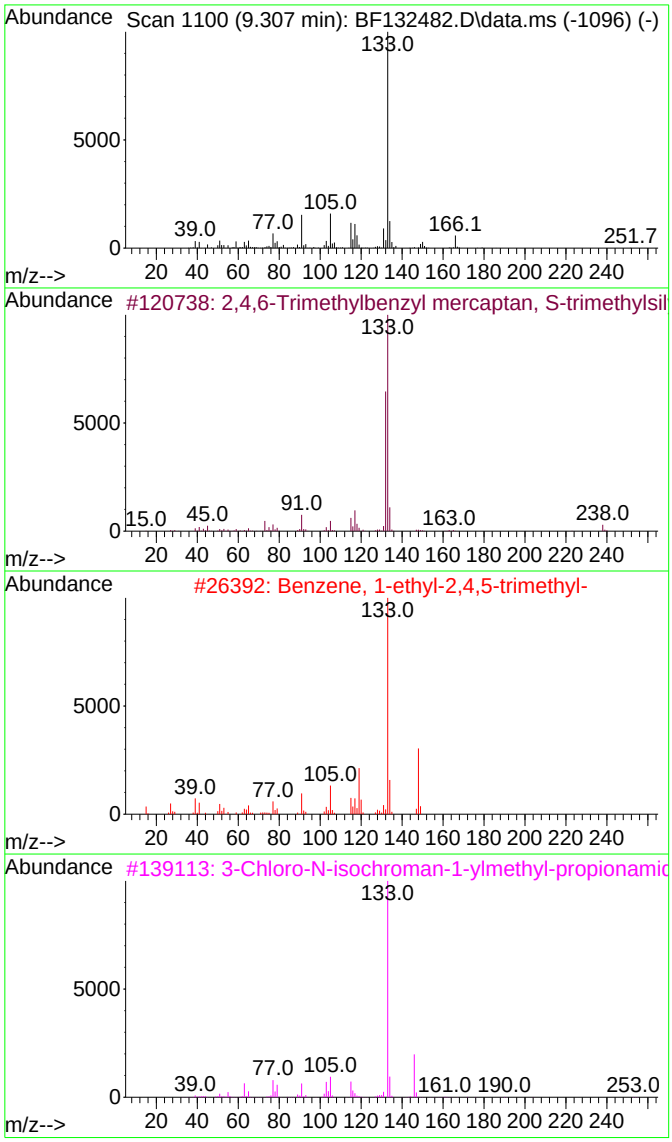
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

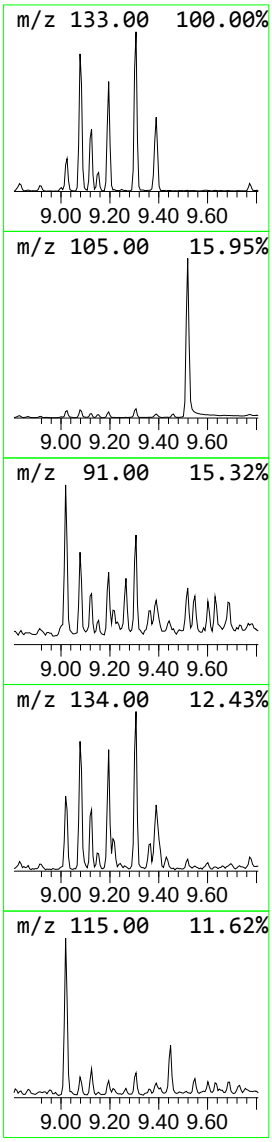
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,4,6-Trimethylbenzyl merca... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.307	7.82 ng	571285	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethylbenzyl mercaptan,...	238	C13H22SSi	1000469-60-9	72
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
3	3-Chloro-N-isochroman-1-ylmethyl...	253	C13H16ClNO2	1000297-29-7	64
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
5	Methyl 2,3-epoxy-4-phenylbutanoate	192	C11H12O3	1010432-17-6	64





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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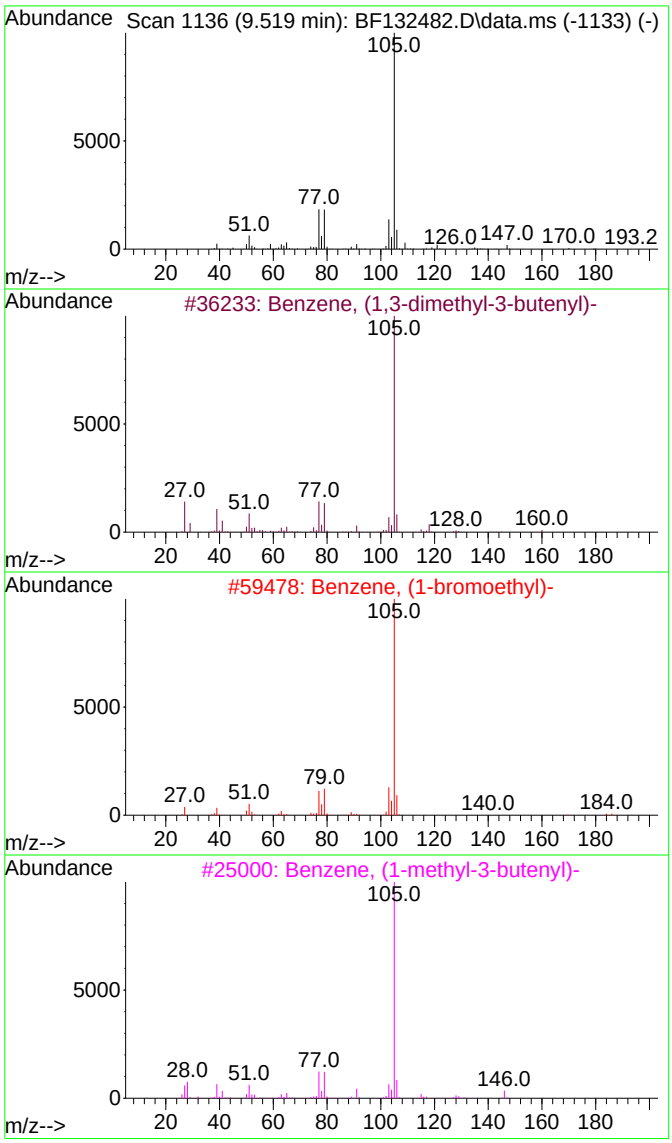
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

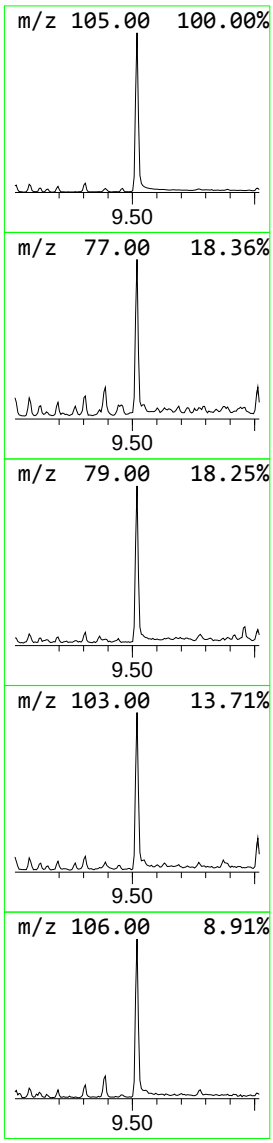
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1,3-dimethyl-3-bu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.519	17.37 ng	1269210	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
2	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	72
3	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	72
4	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	72
5	1-Phenylethanethiol, S-pentafluo...	284	C11H9F5OS	1000469-38-3	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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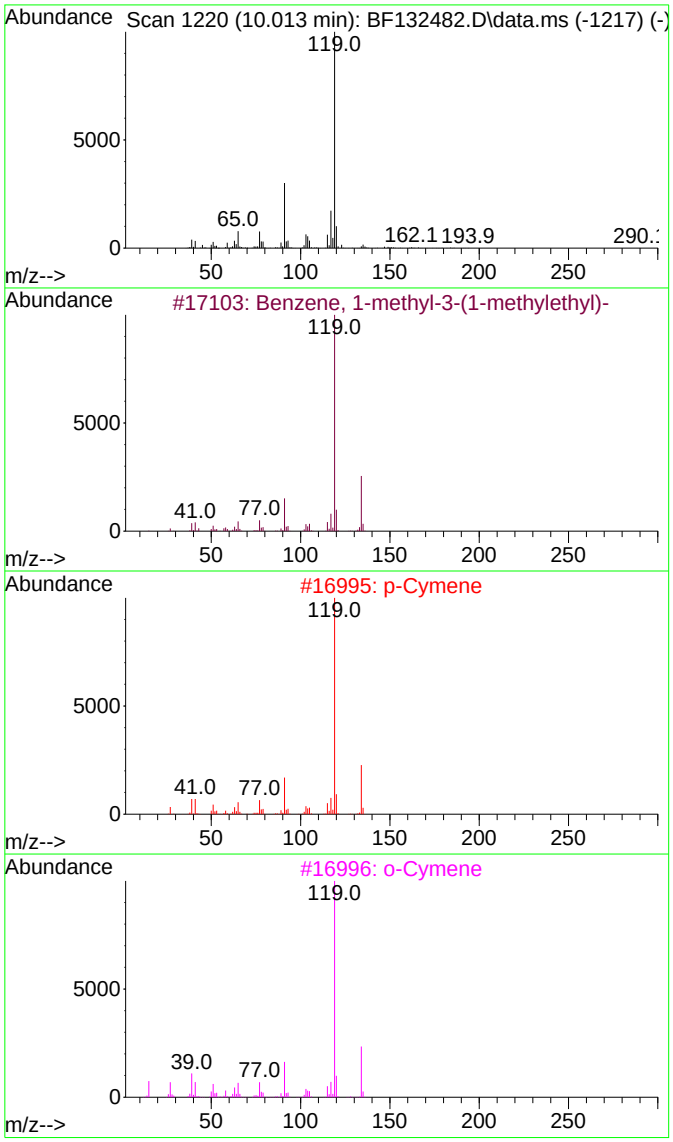
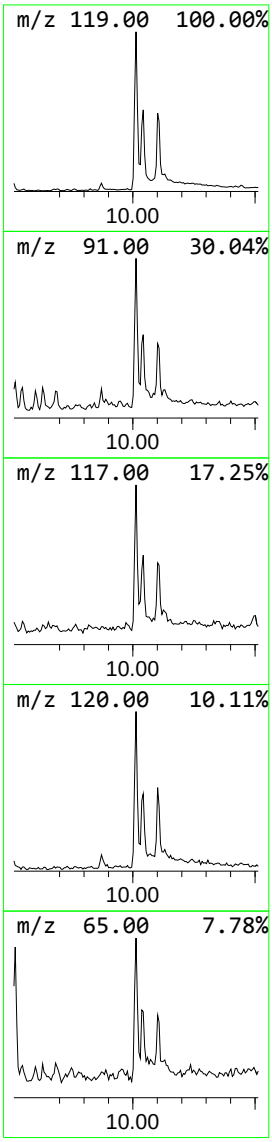
Peak Number 15 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.013	8.30 ng	606677	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	p-Cymene	134	C10H14	000099-87-6	87
3	o-Cymene	134	C10H14	000527-84-4	86
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	78
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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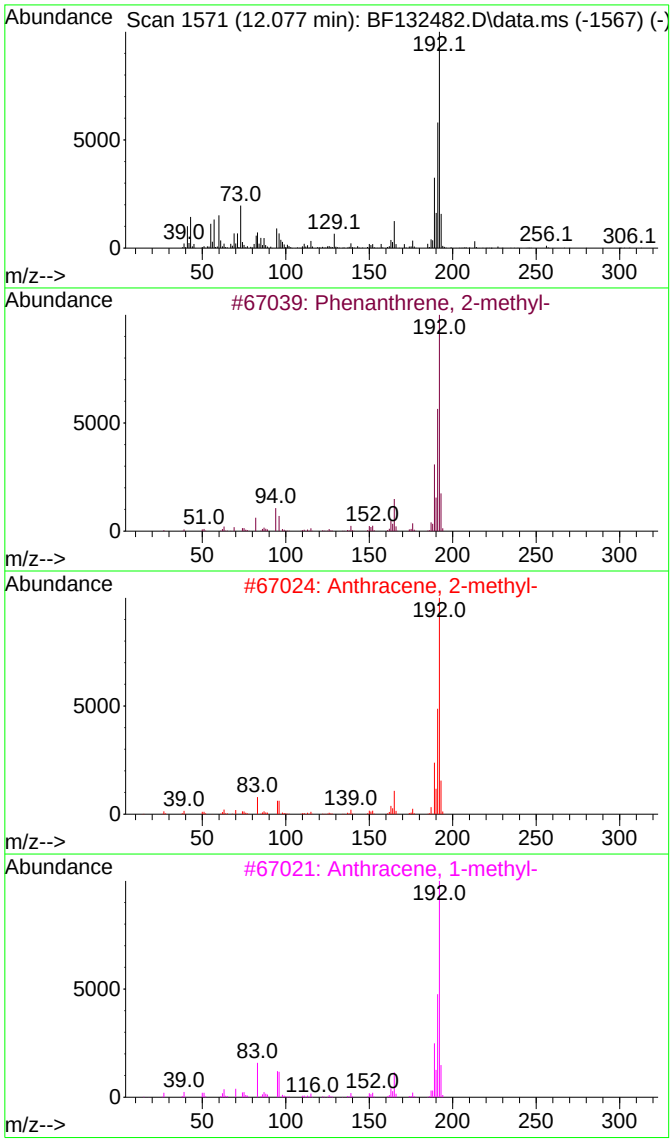
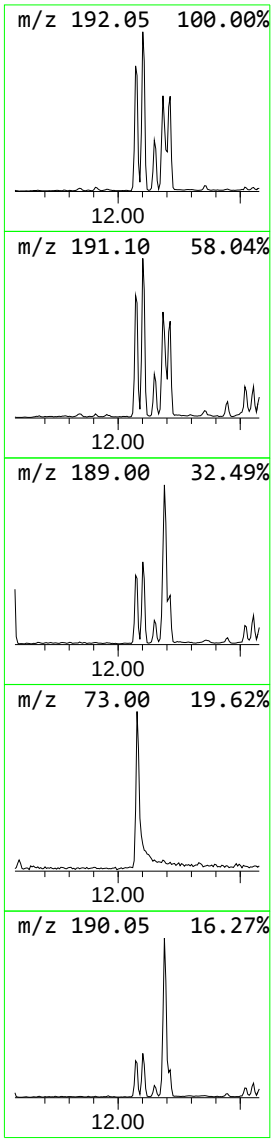
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.078	14.34 ng	951122	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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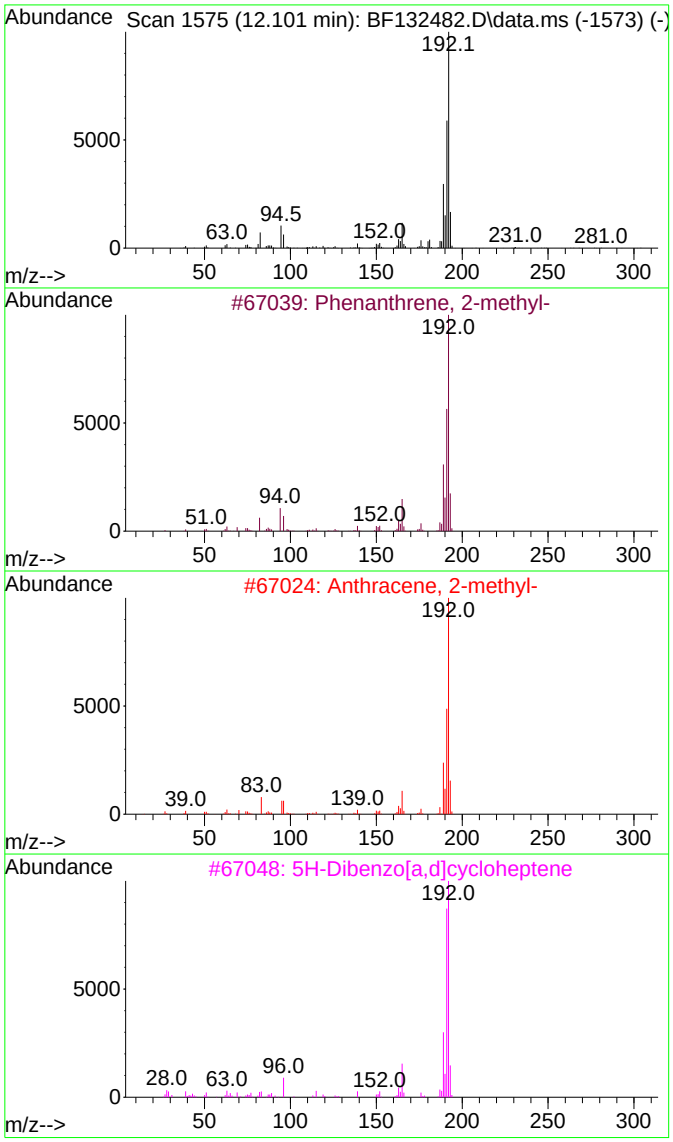
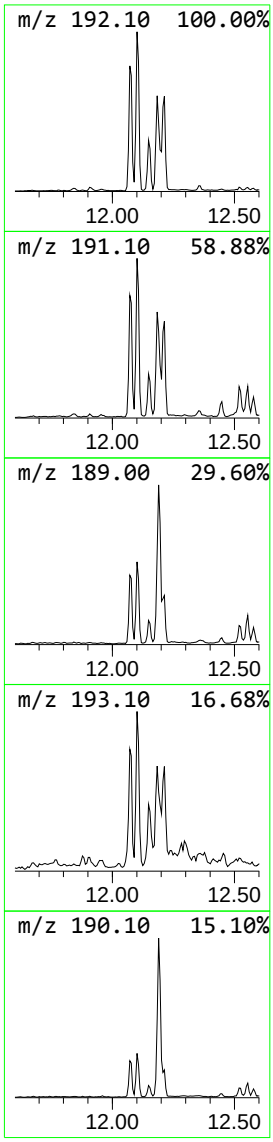
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.101	12.26 ng	813189	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BF132482.D
Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

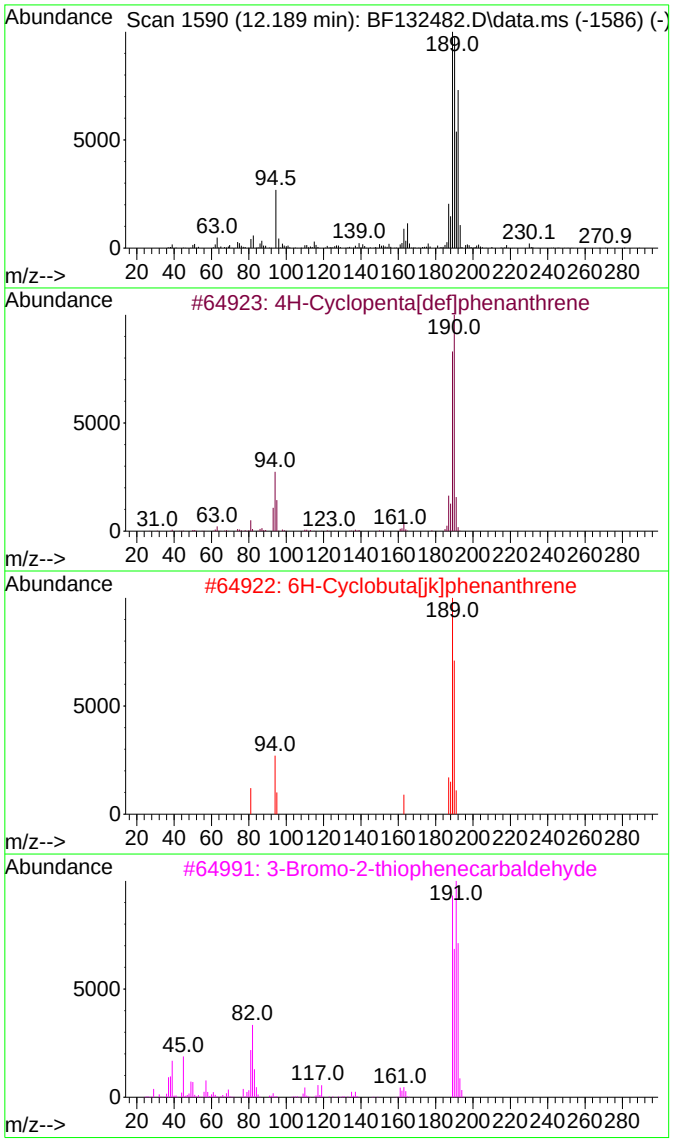
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

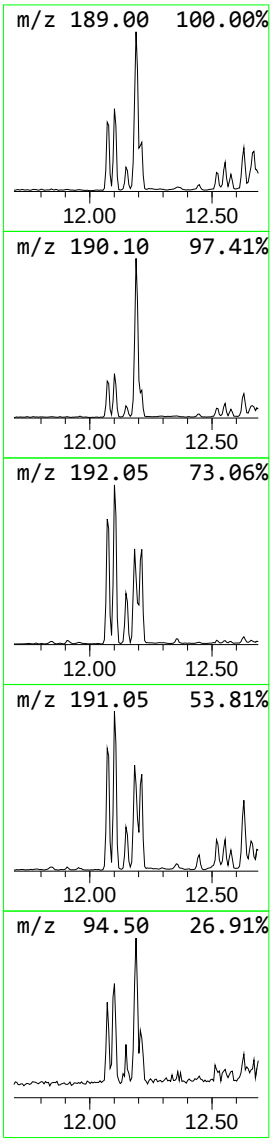
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.189	13.94 ng	924584	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132482.D
Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

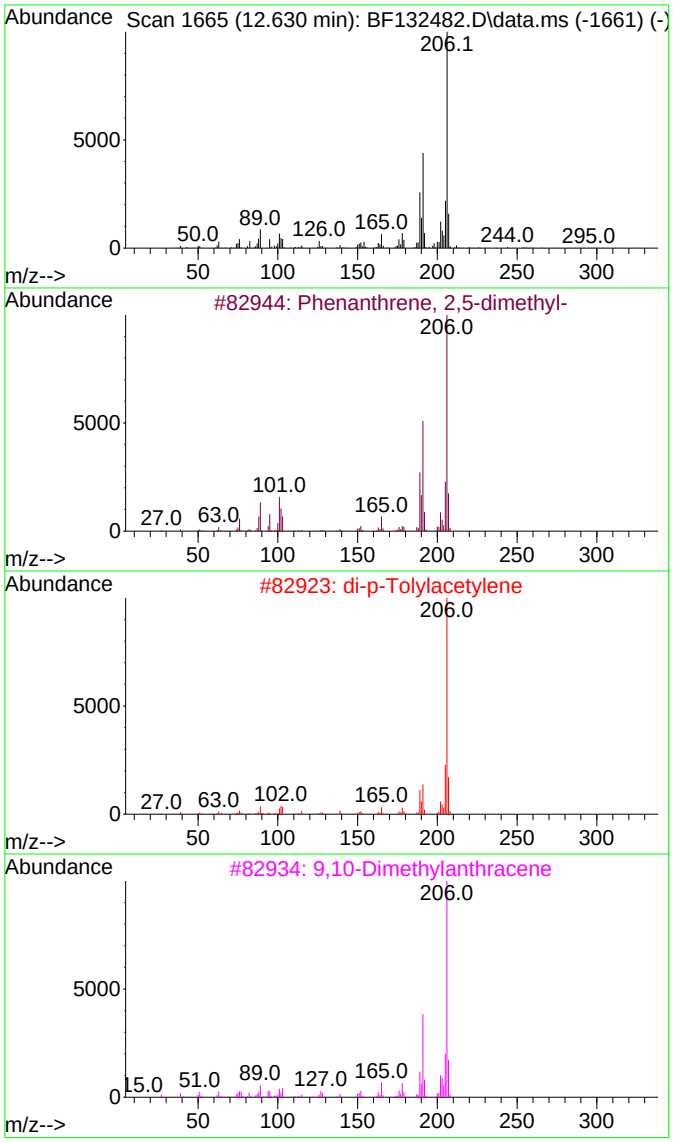
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

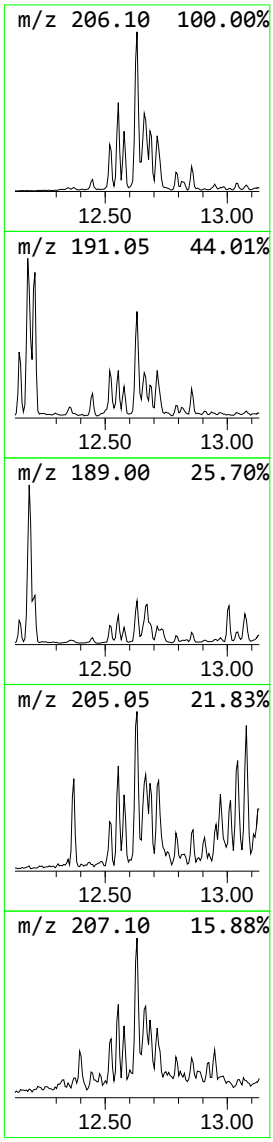
****

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.630	9.08 ng	602074	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132482.D
Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

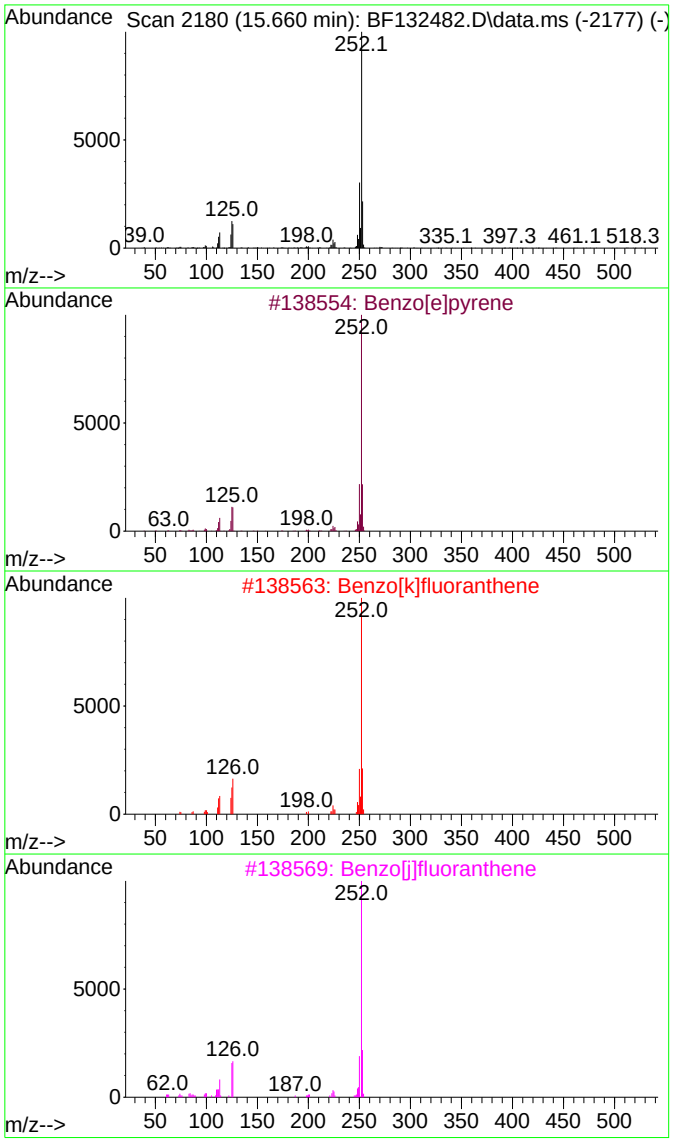
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

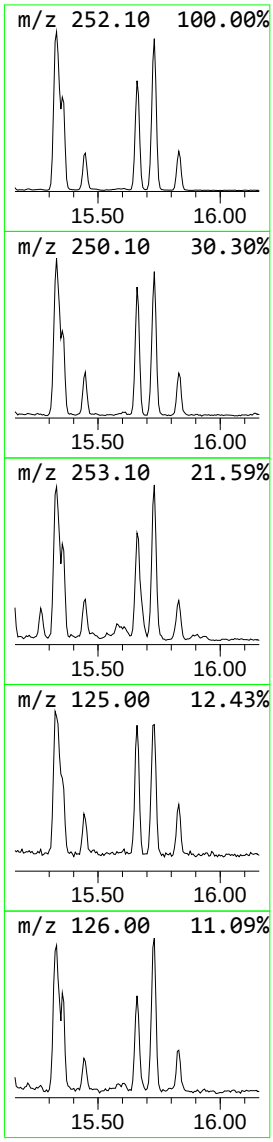
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.660	17.65 ng	700614	Perylene-d12	15.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132482.D
Acq On : 20 Feb 2023 16:56
Operator : CG\JU
Sample : 01552-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0159

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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
2-Pentanone, 4-...	5.260	32.7	ng	2106910	1	7.025	1289800	20.0
Benzene, 1-ethe...	6.860	23.7	ng	1530770	1	7.025	1289800	20.0
Benzene, cyclop...	6.895	11.4	ng	736673	1	7.025	1289800	20.0
Indene	7.290	22.1	ng	1422480	1	7.025	1289800	20.0
Benzenemethanet...	7.884	17.5	ng	1366900	2	8.313	1563700	20.0
2-Methylindene	8.060	10.6	ng	828799	2	8.313	1563700	20.0
1H-Indene, 1-me...	8.107	9.2	ng	717898	2	8.313	1563700	20.0
Benzene, 1-meth...	8.525	18.1	ng	1414600	2	8.313	1563700	20.0
o-Cymene	8.584	19.8	ng	1549100	2	8.313	1563700	20.0
Indane-5-carbox...	9.019	12.5	ng	978977	2	8.313	1563700	20.0
Benzene, 1,3-di...	9.078	6.0	ng	465368	2	8.313	1563700	20.0
2,4,6-Trimethyl...	9.307	7.8	ng	571285	3	10.078	1461570	20.0
Benzene, (1,3-d...	9.519	17.4	ng	1269210	3	10.078	1461570	20.0
p-Cymene	10.013	8.3	ng	606677	3	10.078	1461570	20.0
Phenanthrene, 2...	12.078	14.3	ng	951122	4	11.572	1326490	20.0
Anthracene, 2-m...	12.101	12.3	ng	813189	4	11.572	1326490	20.0
4H-Cyclopenta[d...	12.189	13.9	ng	924584	4	11.572	1326490	20.0
Phenanthrene, 2...	12.630	9.1	ng	602074	4	11.572	1326490	20.0
Benzo[e]pyrene	15.660	17.6	ng	700614	6	15.801	794050	20.0