LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-203

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	455	465	472	rBV	894694	1159046	7.03%	0.837%
2	5.081	505	509	515	rBV	254350	274062	1.66%	0.198%
3	5.198	524	529	533	rBV	325902	477173	2.89%	0.344%
4	5.245	533	537	544	rVB	1796467	1760739	10.68%	1.271%
5	6.157	690	692	695	rBV2	388160	382590	2.32%	0.276%
6	6.192	695	698	701	rVB	259018	244314	1.48%	0.176%
7	6.234	701	705	709	rBV2	368378	403501	2.45%	0.291%
8	6.281	709	713	716	rBV	1644888	1742864	10.57%	1.258%
9	6.322	718	720	724	rVB	318957	263600	1.60%	0.190%
10	6.463	741	744	751	rVB2	677169	803758	4.87%	0.580%
11	6.592	760	766	770	rBV6	106670	200601	1.22%	0.145%
12	6.639	770	774	776	rVV	660161	662199	4.02%	0.478%
13	6.657	776	777	781	rVB2	395954	334327	2.03%	0.241%
14	6.698	781	784	787	rBV	303078	307212	1.86%	0.222%
15	6.833	797	807	810	rVB	8702899	10923165	66.24%	7.884%
16	6.898	814	818	820	rVV2	890156	1016696	6.17%	0.734%
17	6.963	824	829	830	rBV2	431525	479648	2.91%	0.346%
18	6.981	830	832	837	rVB	337391	303565	1.84%	0.219%
19	7.033	837	841	843	rBV	388524	388896	2.36%	0.281%
20	7.181	861	866	868	rVV	1184430	1167664	7.08%	0.843%
21	7.210	868	871	874	rVB	1534310	1458422	8.84%	1.053%
22	7.286	880	884	887	rVB5	509661	578058	3.51%	0.417%
23	7.345	887	894	897	rBV5	324445	602859	3.66%	0.435%
24	7.410	900	905	908	rVV2	572176	723722	4.39%	0.522%
25	7.439	908	910	915	rVB2	394626	392385	2.38%	0.283%
26	7.557	924	930	934	rVV6	263545	592275	3.59%	0.427%
27	7.598	934	937	943	rVB2	1280007	1196968	7.26%	0.864%
28	7.663	943	948	953	rBV3	1457872	1801876	10.93%	1.300%
29	7.704	953	955	960	rVB2	490210	695232	4.22%	0.502%
30	7.798	967	971	974	rBV2	145517	196741	1.19%	0.142%
31	7.863	978	982	983	rVV2	263789	292370	1.77%	0.211%
32	7.922	987	992	994	rVV2	901117	1379391	8.37%	0.996%
33	7.945	994	996	999	rVV	2104590	1701554	10.32%	1.228%
34	7.992	1002	1004	1006	rVV	646008	569589	3.45%	0.411%
35	8.098	1016	1022	1025	rBV6	187387	374510	2.27%	0.270%
36	8.216	1037	1042	1045	rBV5	457108	715260	4.34%	0.516%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.304	1055	1057	1060	rVB	253093	253985	1.54%	0.183%
38	8.351	1060	1065	1069	rBV	942244	951757	5.77%	0.687%
39	8.386	1069	1071	1074	rVB2	239079	203121	1.23%	0.147%
40	8.428	1074	1078	1081	rBV3	215979	235471	1.43%	0.170%
41	8.516	1090	1093	1096	rBV2	959185	872611	5.29%	0.630%
42	8.616	1106	1110	1111	rBV4	240586	233720	1.42%	0.169%
43	8.633	1111	1113	1116	rVB	1270676	1055848	6.40%	0.762%
44	8.733	1126	1130	1133	rVB	1479628	1222257	7.41%	0.882%
45	8.827	1143	1146	1151	rVB3	281845	377582	2.29%	0.273%
46	8.951	1163	1167	1170	rBV	1194351	993681	6.03%	0.717%
47	8.998	1170	1175	1178	rBV	2102288	1736028	10.53%	1.253%
48	9.045	1179	1183	1185	rBV3	203824	295587	1.79%	0.213%
49	9.080	1186	1189	1190	rBV3	218246	214596	1.30%	0.155%
50	9.192	1206	1208	1212	rVB	480308	572130	3.47%	0.413%
51	9.269	1214	1221	1224	rBV2	1287900	1984619	12.04%	1.432%
52	9.310	1224	1228	1229	rBV2	290880	341135	2.07%	0.246%
53	9.339	1229	1233	1235	rVV	1687208	1658499	10.06%	1.197%
54	9.363	1235	1237	1239	rVV	1641430	1235158	7.49%	0.891%
55	9.410	1242	1245	1247	rVB	2433550	2088336	12.66%	1.507%
56	9.433	1247	1249	1250	rBV2	257834	207609	1.26%	0.150%
57	9.451	1250	1252	1257	rVB	749700	842670	5.11%	0.608%
58	9.533	1264	1266	1271	rVB2	657512	614726	3.73%	0.444%
59	9.586	1272	1275	1277	rVB	640750	613965	3.72%	0.443%
60	9.616	1277	1280	1283	rBV3	407862	466603	2.83%	0.337%
61	9.657	1284	1287	1288	rBV2	635981	692157	4.20%	0.500%
62	9.674	1288	1290	1292	rVB	733069	554731	3.36%	0.400%
63	9.704	1292	1295	1296	rBV2	287736	302344	1.83%	0.218%
64	9.786	1305	1309	1312	rVB	946880	1321331	8.01%	0.954%
65	9.827	1313	1316	1317	rBV2	352013	380584	2.31%	0.275%
66	9.880	1321	1325	1328	rBV	2348614	2217122	13.45%	1.600%
67	9.922	1329	1332	1334	rBV	1515218	1100020	6.67%	0.794%
68	9.945	1334	1336	1341	rVB3	1039280	1018288	6.18%	0.735%
69	9.998	1341	1345	1347	rBV	1548558	1627997	9.87%	1.175%
70	10.027	1347	1350	1352	rVB	1086409	752689	4.56%	0.543%
71	10.086	1356	1360	1362	rBV	1243273	1513759	9.18%	1.093%
72	10.174	1372	1375	1380	rVB4	824856	995975	6.04%	0.719%
73	10.222	1380	1383	1385	rBV2	1767528	1789680	10.85%	1.292%
74	10.245	1385	1387	1390	rVB3	757589	912301	5.53%	0.658%
75	10.310	1396	1398	1400	rBV2	413281	409012	2.48%	0.295%
76	10.351	1400	1405	1408	rVB	5684231	6601976	40.04%	4.765%

LSC Area Percent Report

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Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-203

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.386	1408	1411	1416	rVB4	901522	1596721	9.68%	1.152%
78	10.427	1416	1418	1420	rBV2	597006	584183	3.54%	0.422%
79	10.469	1420	1425	1428	rBV5	1543075	2567477	15.57%	1.853%
80	10.510	1429	1432	1434	rBV3	811137	926974	5.62%	0.669%
81	10.557	1437	1440	1442	rBV3	631901	734390	4.45%	0.530%
82	10.633	1444	1453	1455	rBV2	8768992	16489762	100.00%	11.901%
83	10.674	1458	1460	1462	rBV2	1244603	1076033	6.53%	0.777%
84	10.780	1475	1478	1481	rBV4	1112622	1828153	11.09%	1.319%
85	10.810	1481	1483	1485	rVV2	1103630	1062976	6.45%	0.767%
86	11.104	1527	1533	1537	rVB	7733874	12383376	75.10%	8.937%
87	11.204	1547	1550	1552	rBV2	3196250	3213098	19.49%	2.319%
88	11.451	1588	1592	1597	rVB	3466392	4275908	25.93%	3.086%
89	12.186	1713	1717	1725	rVB2	3205589	4794894	29.08%	3.461%
90	12.692	1801	1803	1807	rVB	1308811	1282473	7.78%	0.926%
91	12.763	1813	1815	1819	rVB2	1995207	2433573	14.76%	1.756%
92	13.798	1987	1991	1994	rBV2	895584	1242757	7.54%	0.897%
93	13.821	1994	1995	2001	rVB	604410	531539	3.22%	0.384%
94	14.792	2155	2160	2162	rBV	479328	676468	4.10%	0.488%
95	15.062	2202	2206	2211	rVB	376127	418696	2.54%	0.302%
96	15.115	2211	2215	2220	rVB	616226	692790	4.20%	0.500%
97	15.174	2221	2225	2228	rBV	530631	615001	3.73%	0.444%
98	15.204	2228	2230	2236	rVB2	210074	232870	1.41%	0.168%
99	16.486	2442	2448	2457	rVB2	260536	490249	2.97%	0.354%
100	16.886	2509	2516	2526	rVB	200961	377978	2.29%	0.273%

Sum of corrected areas: 138556831

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
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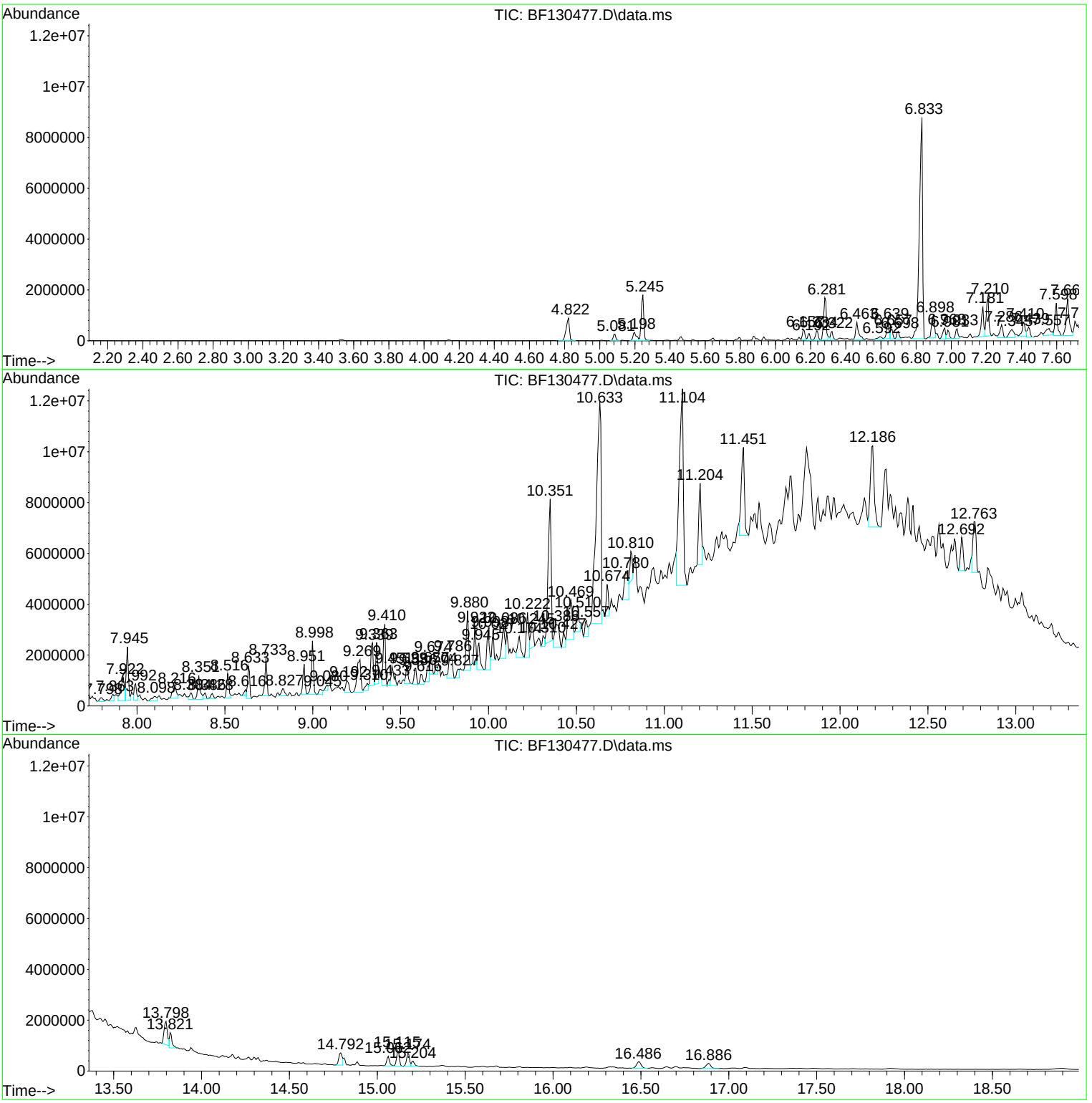
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
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Sample : N4862-01
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Instrument :
BNA_F
ClientSampleId :
VNJ-203

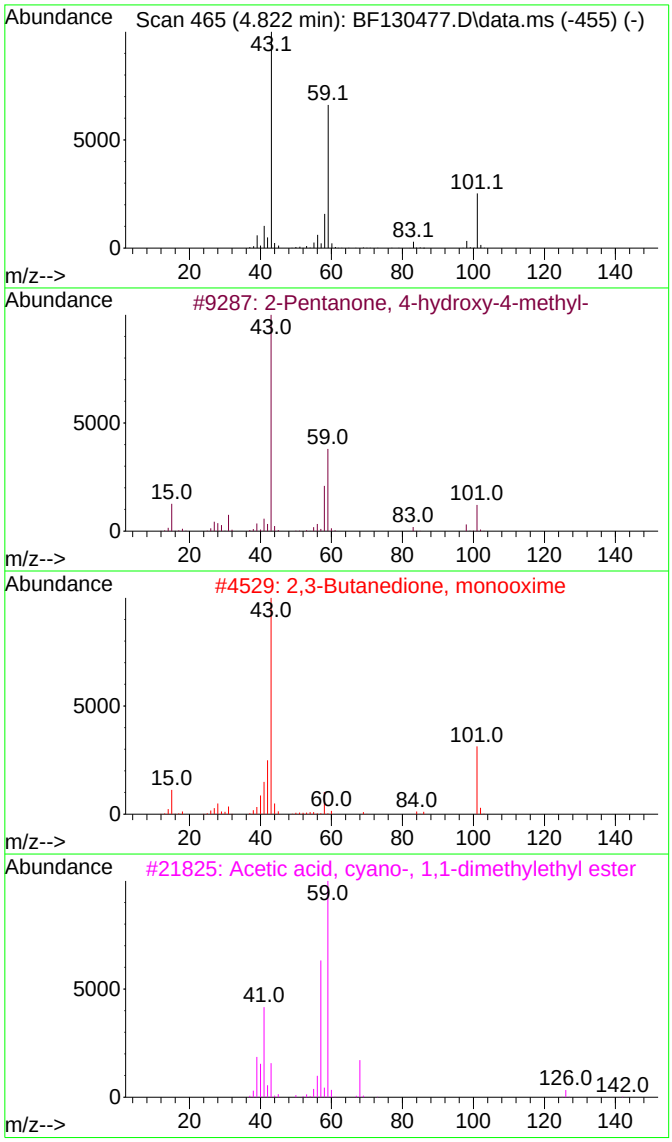
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

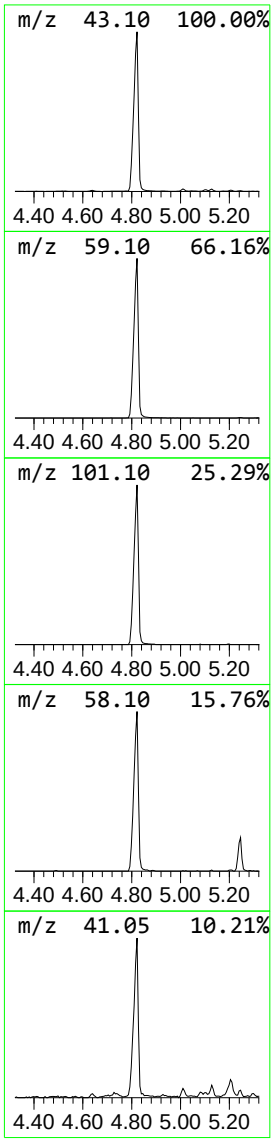
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	35.01 ng	1159050	1,4-Dichlorobenzene-d4	6.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

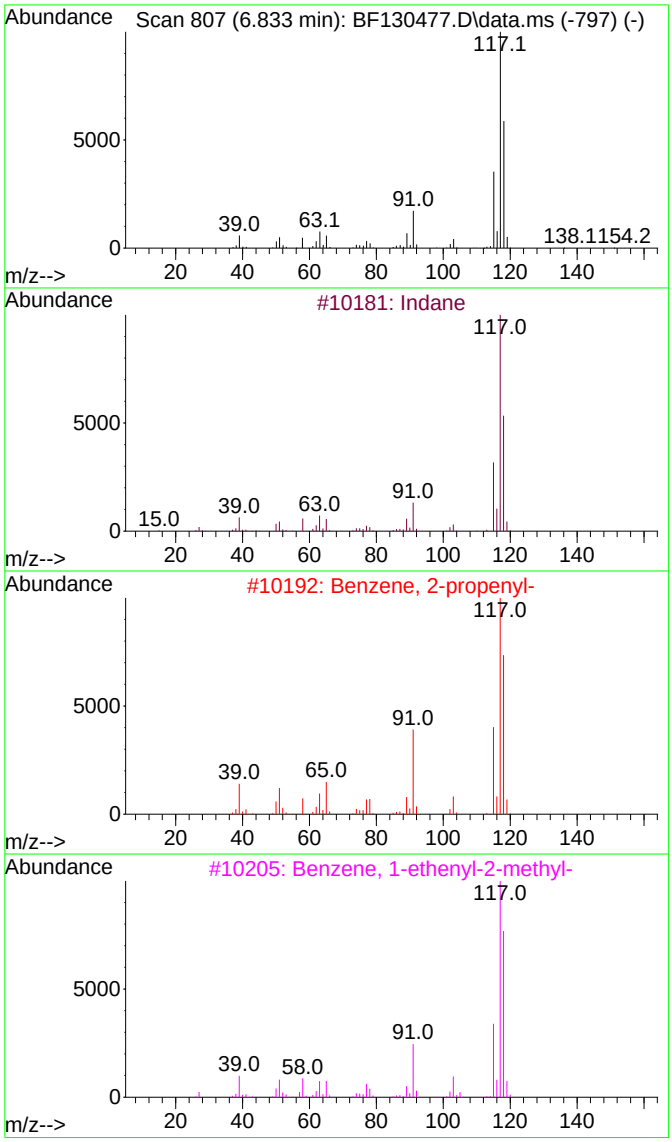
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

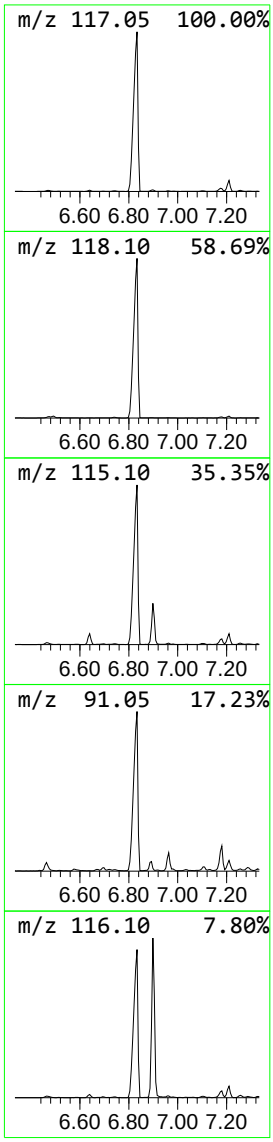
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.833	329.91 ng	10923200	1,4-Dichlorobenzene-d4	6.639

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, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Deltacyclene	118	C9H10	007785-10-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

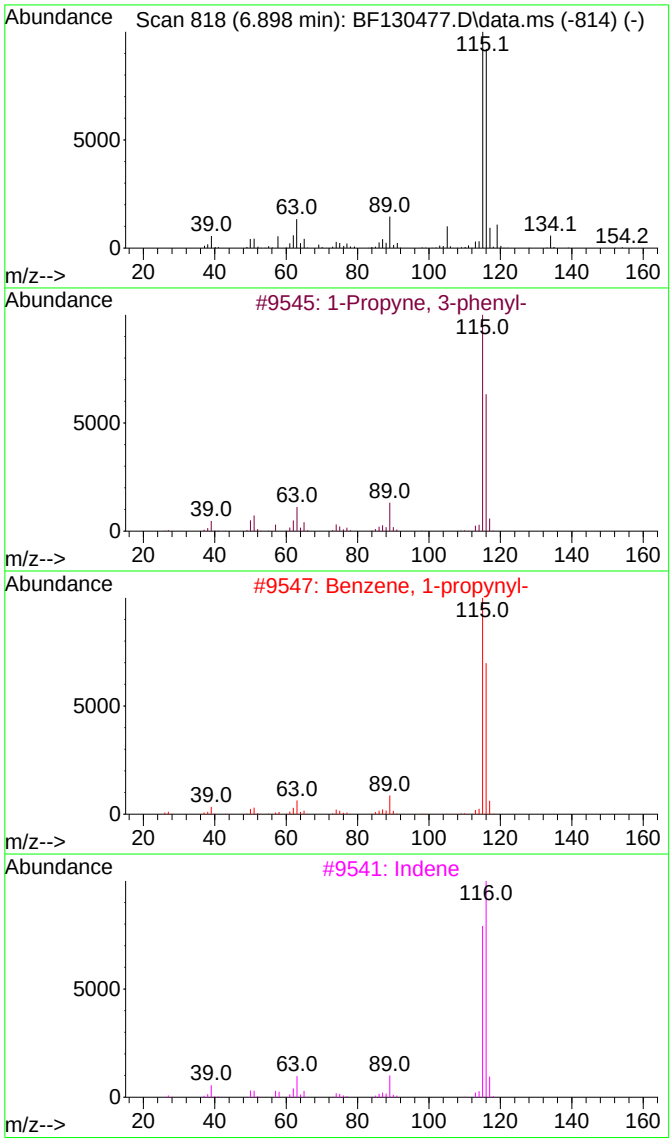
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

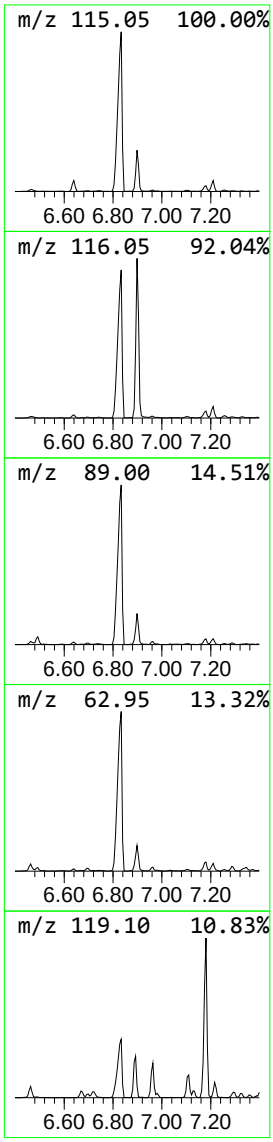
****

Peak Number 3 1-Propyne, 3-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	30.71 ng	1016700	1,4-Dichlorobenzene-d4	6.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	Indene	116	C9H8	000095-13-6	93
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

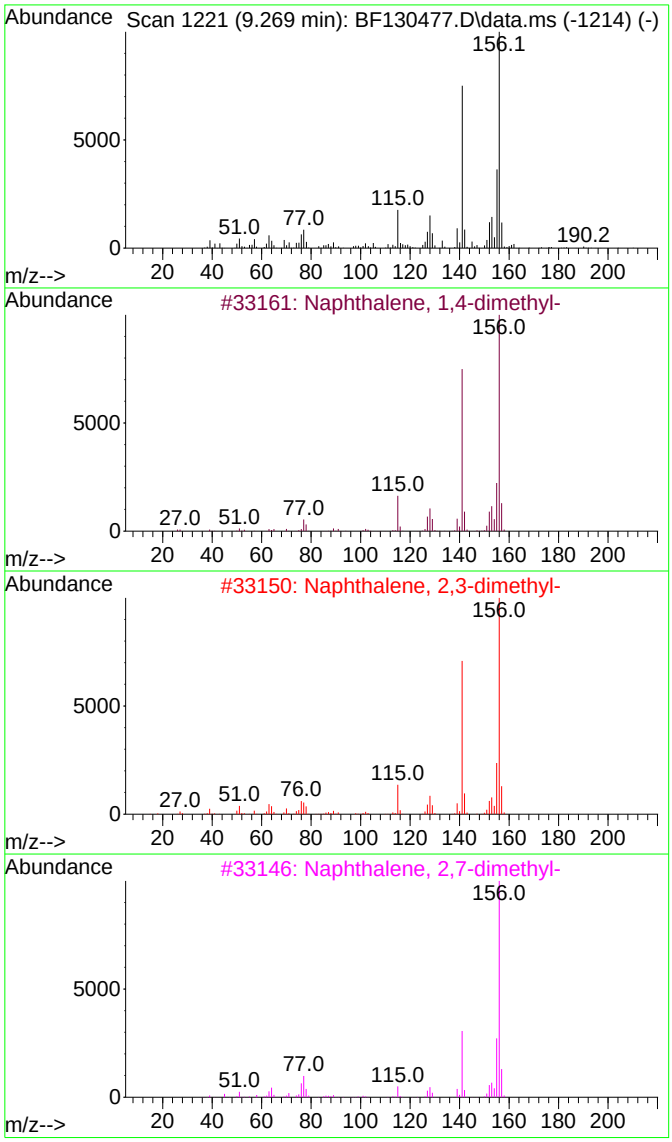
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

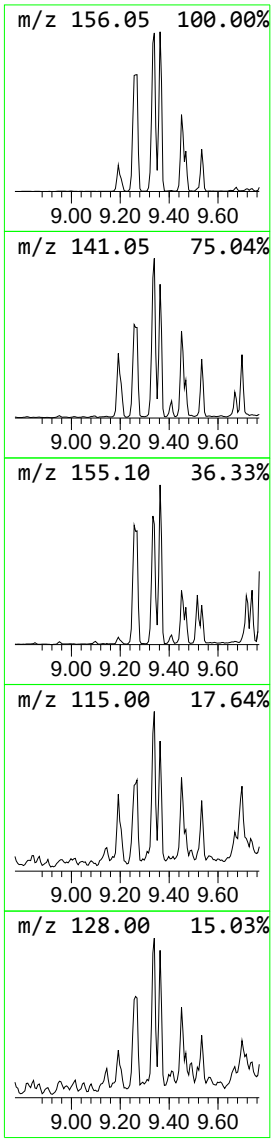
****

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	71.55 ng	1984620	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

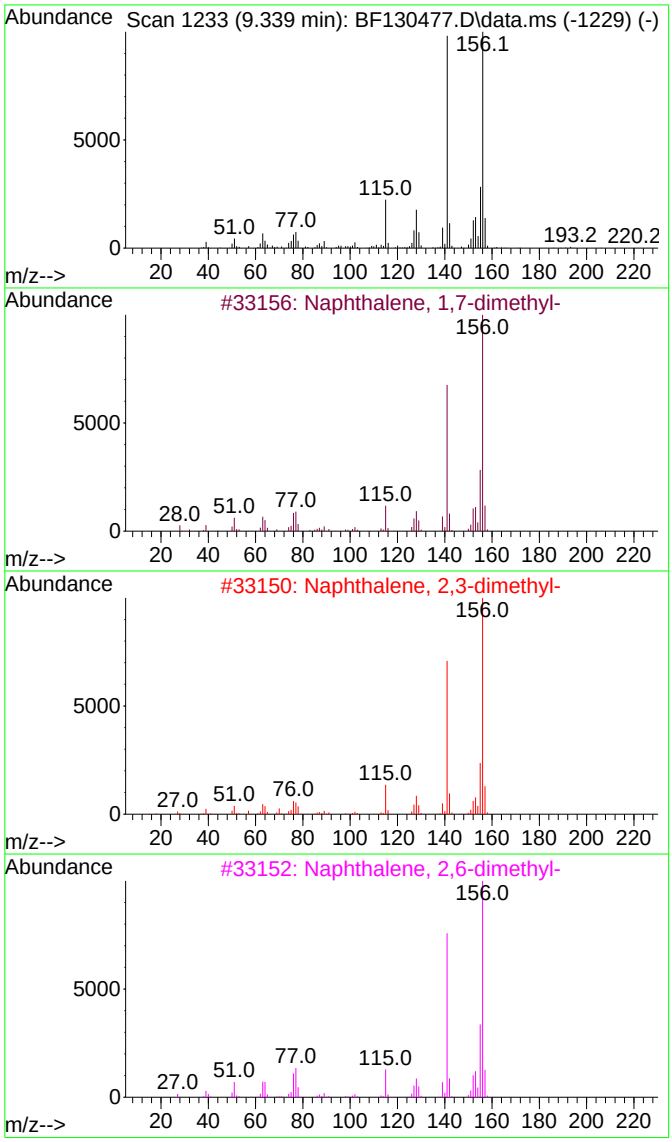
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

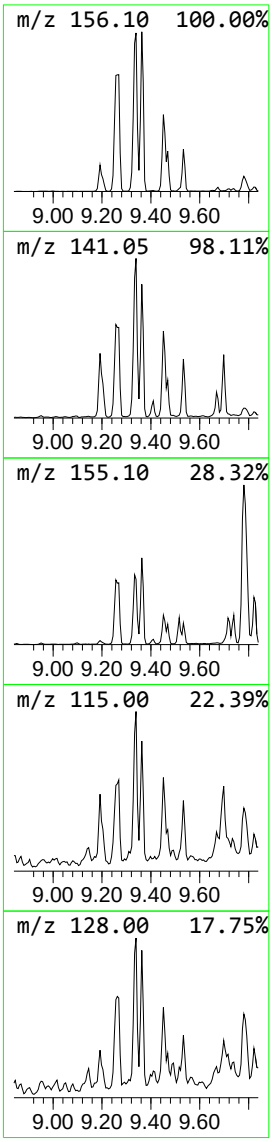
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	59.79 ng	1658500	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

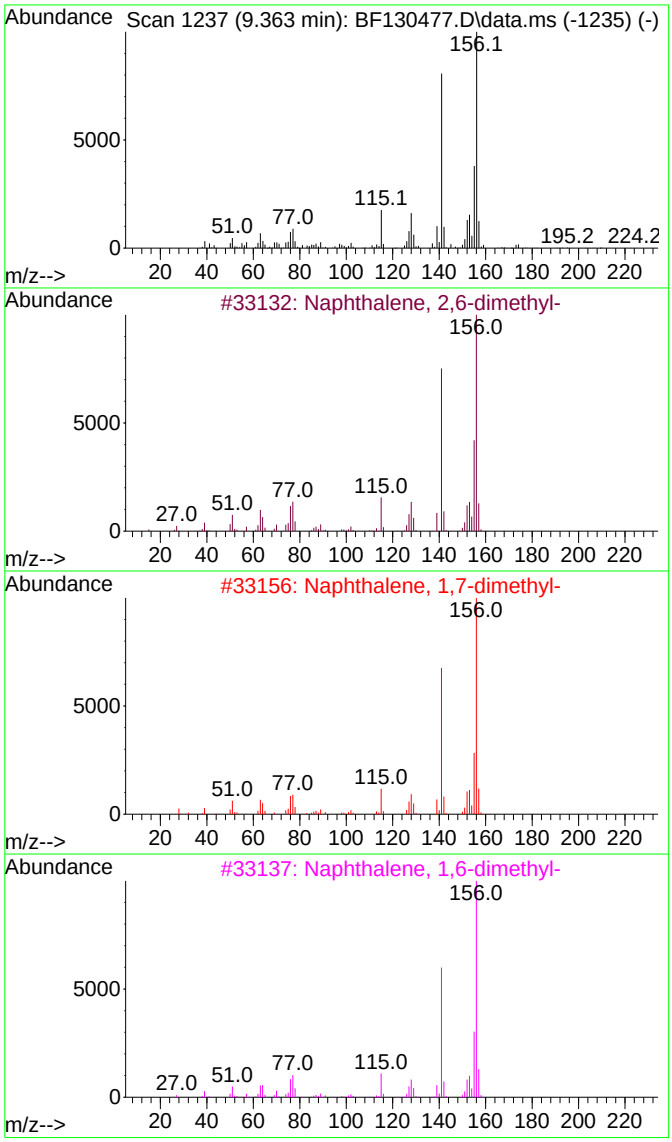
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

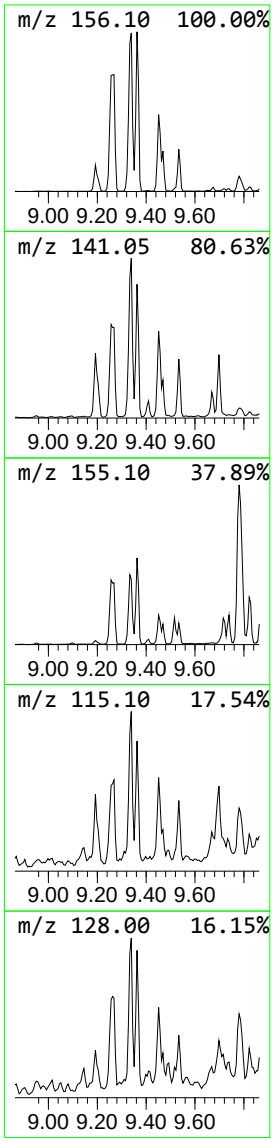
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	44.53 ng	1235160	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

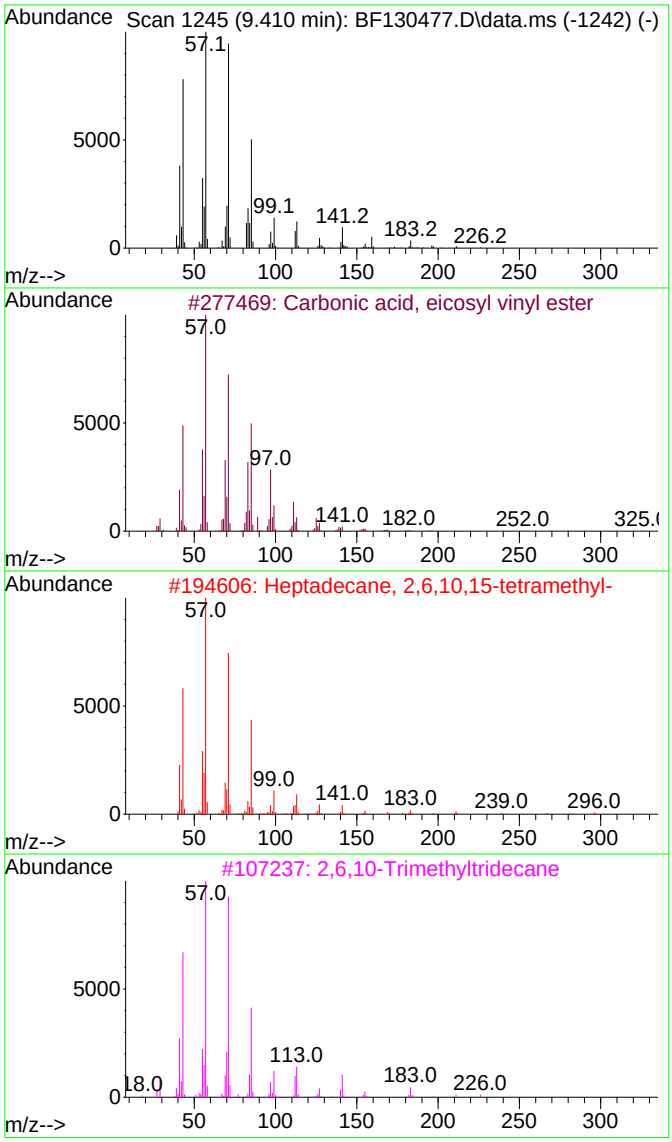
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

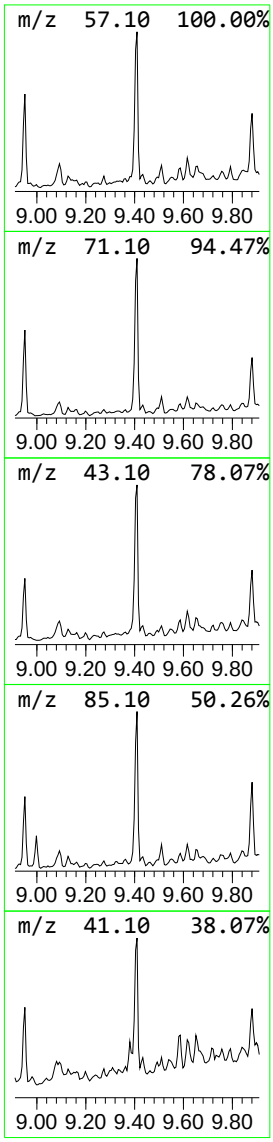
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Carbonic acid, eicosyl viny... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	75.29 ng	2088340	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68





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Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

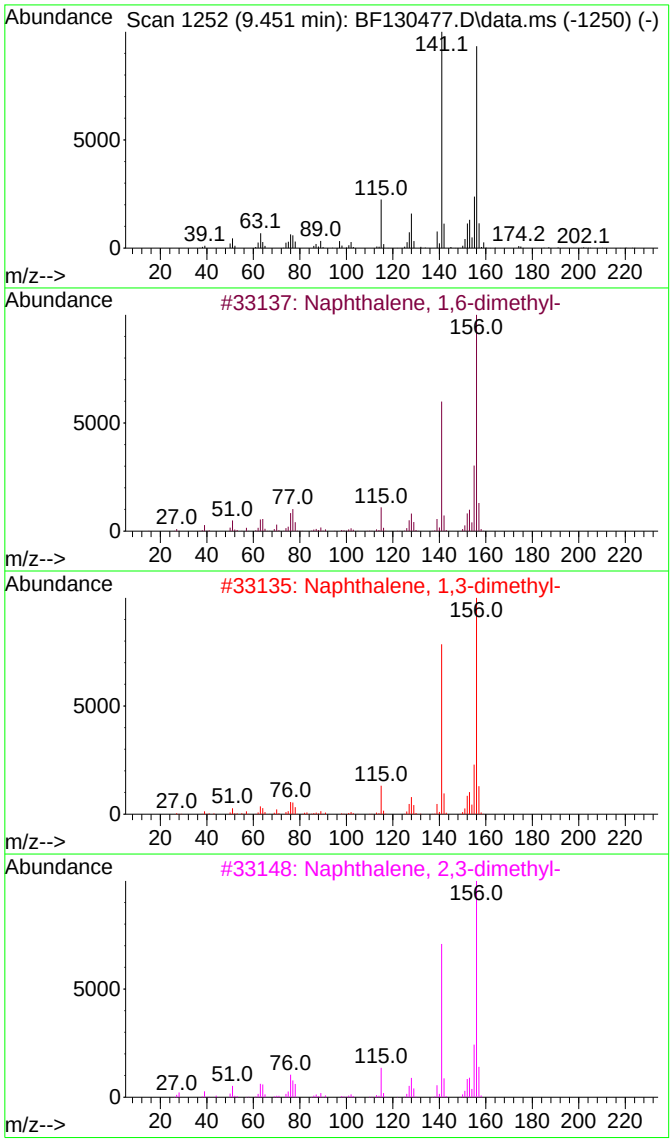
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

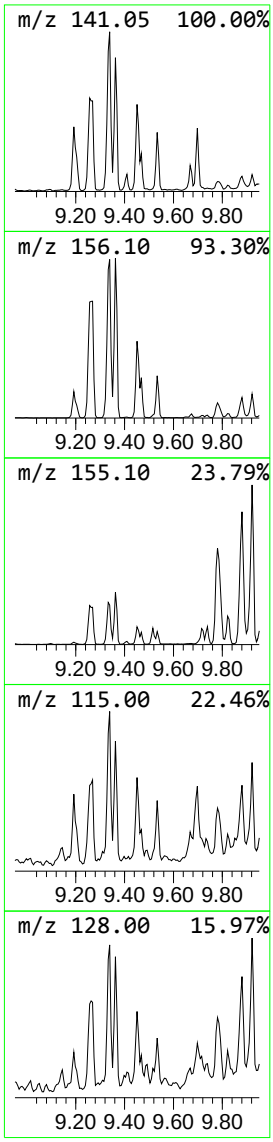
****

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	30.38 ng	842670	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





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Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

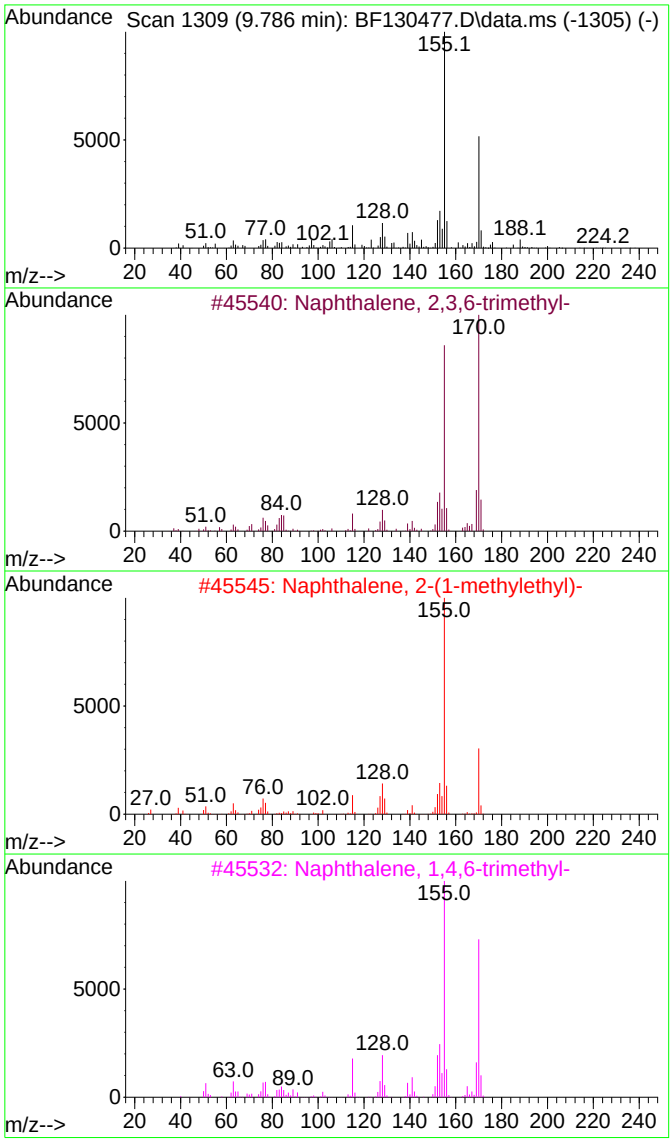
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

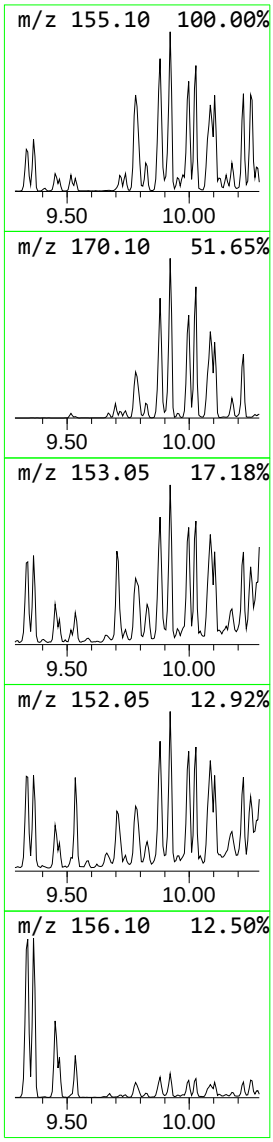
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	47.64 ng	1321330	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

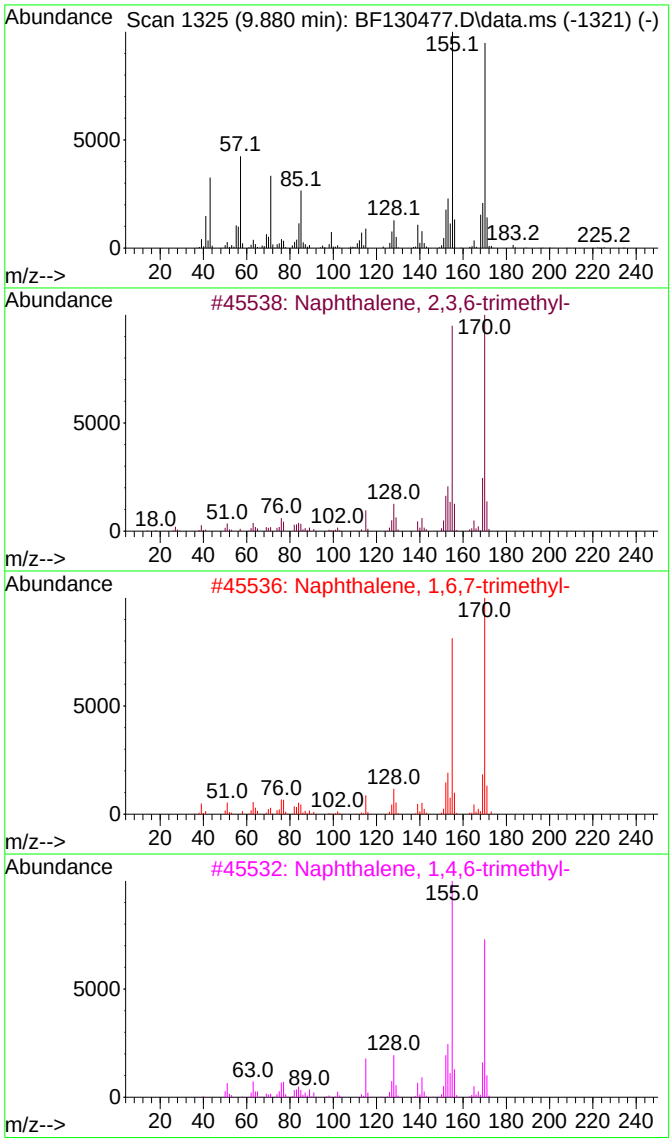
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

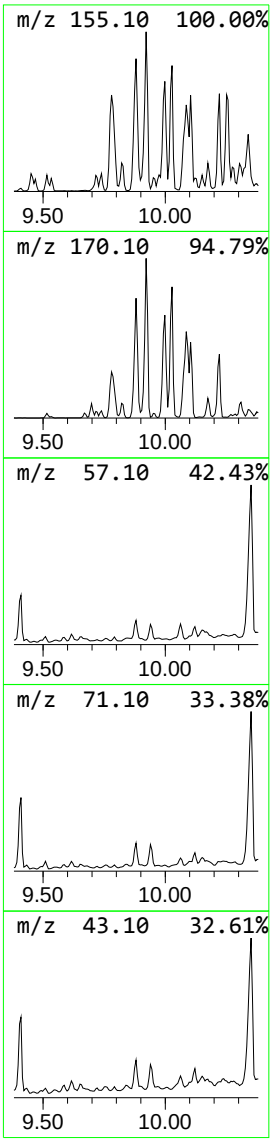
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	79.94 ng	2217120	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





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Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

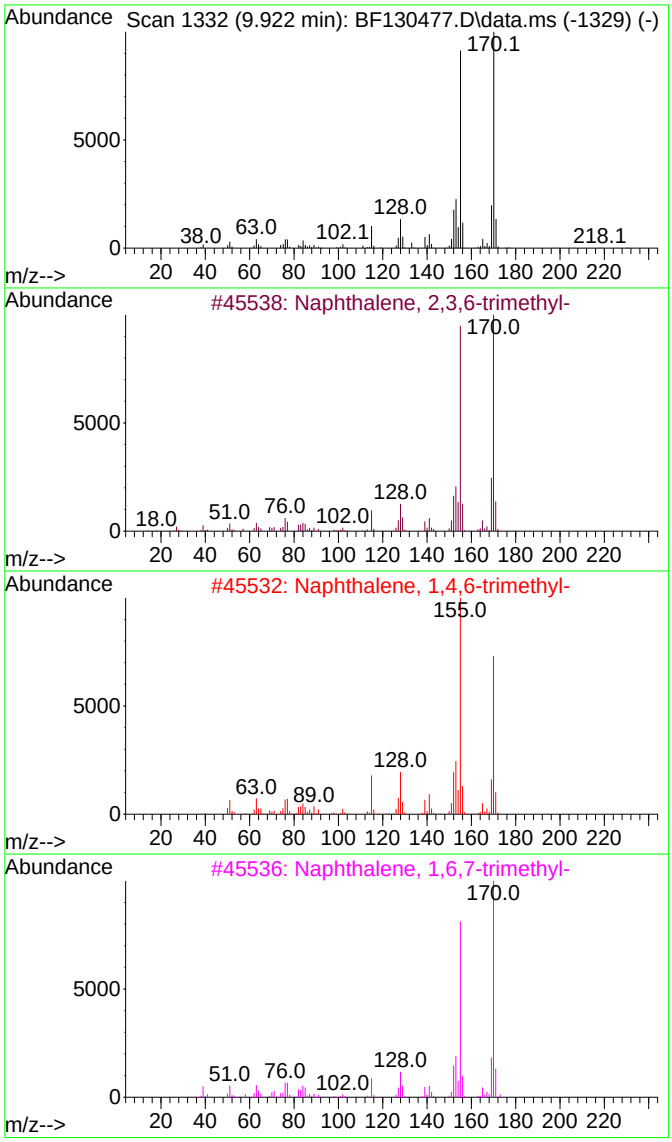
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

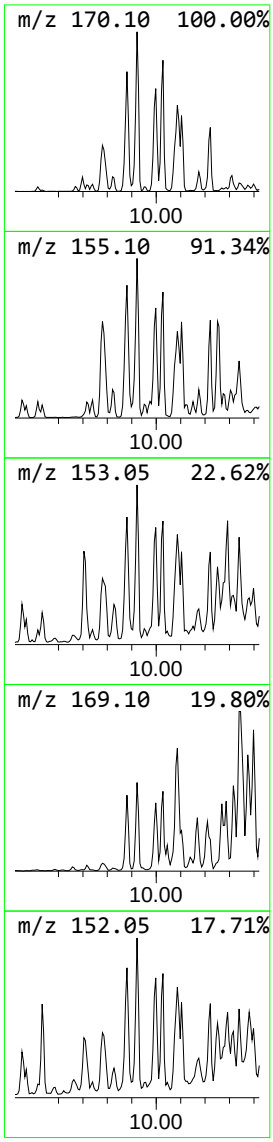
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	39.66 ng	1100020	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

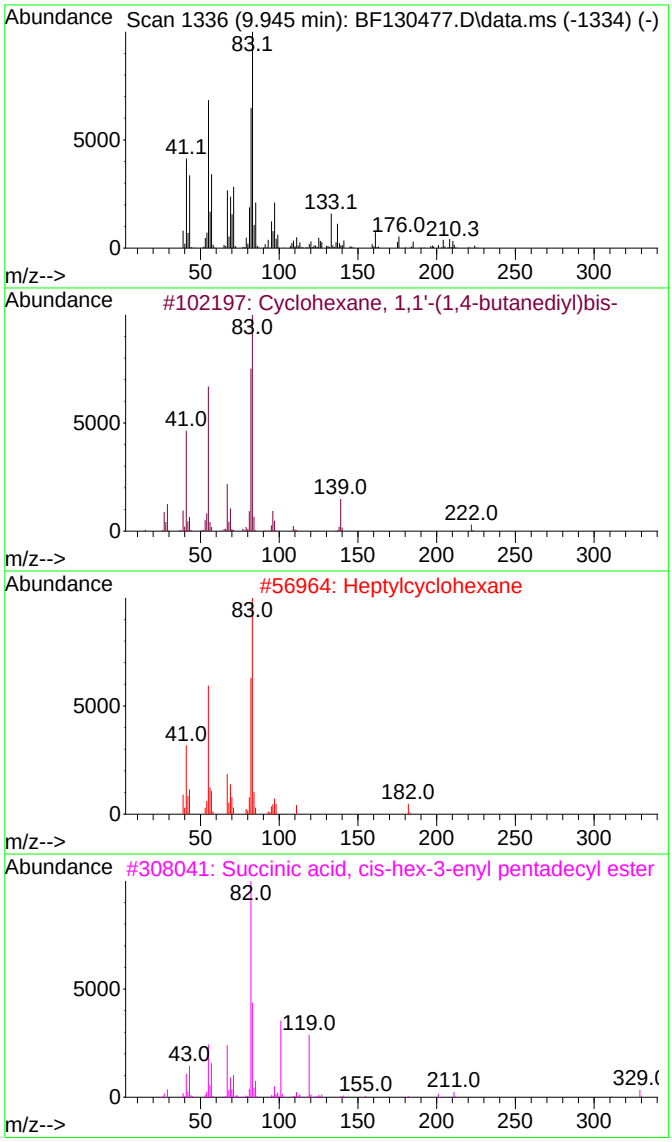
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

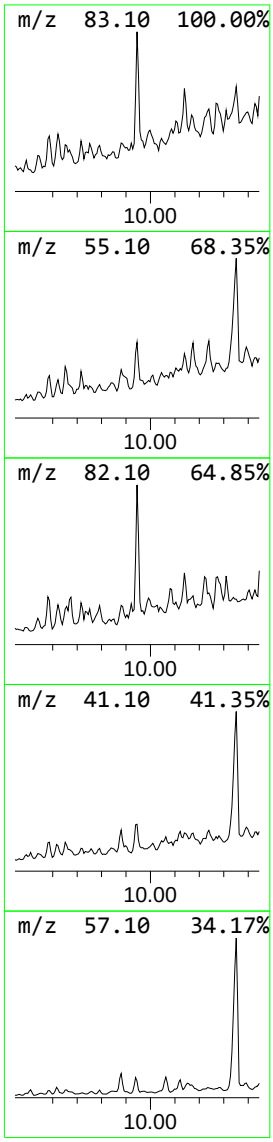
****

Peak Number 12 unknown9.945 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	36.71 ng	1018290	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	49
2	Heptylcyclohexane	182	C13H26	005617-41-4	47
3	Succinic acid, cis-hex-3-enyl pe...	410	C25H46O4	1000353-41-7	47
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47





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Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

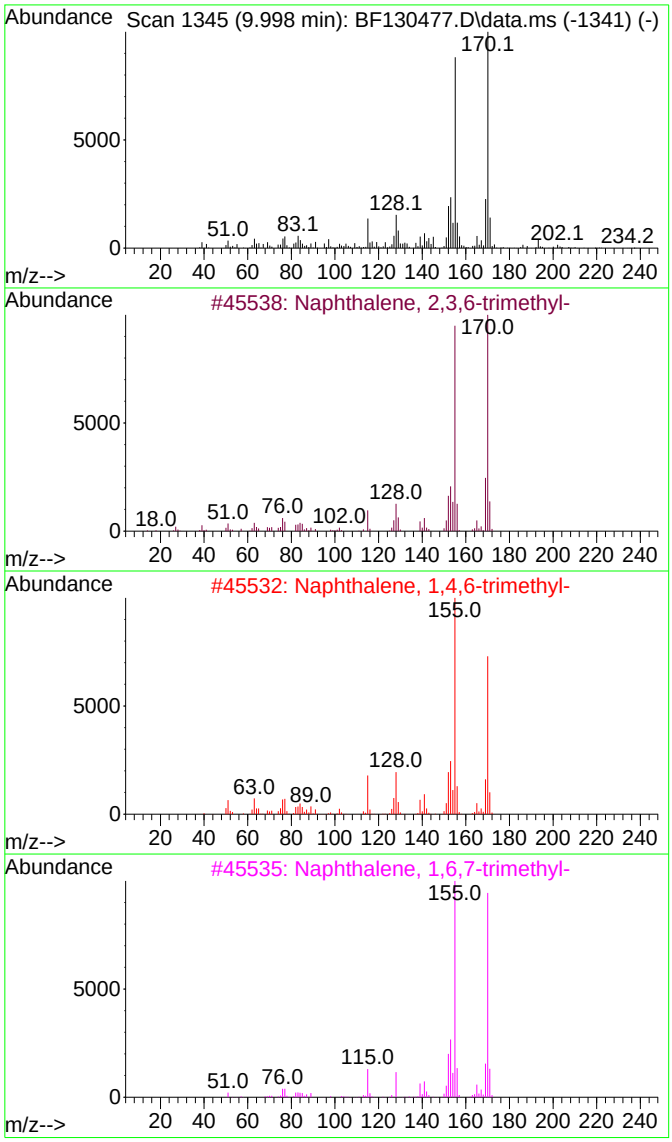
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

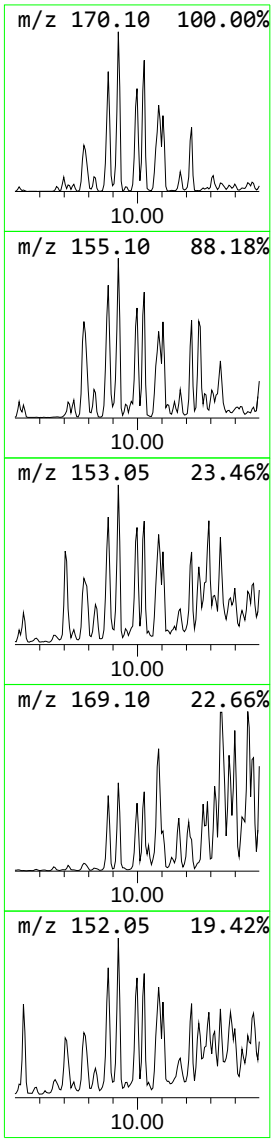
****

Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.998	58.70 ng	1628000	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-203

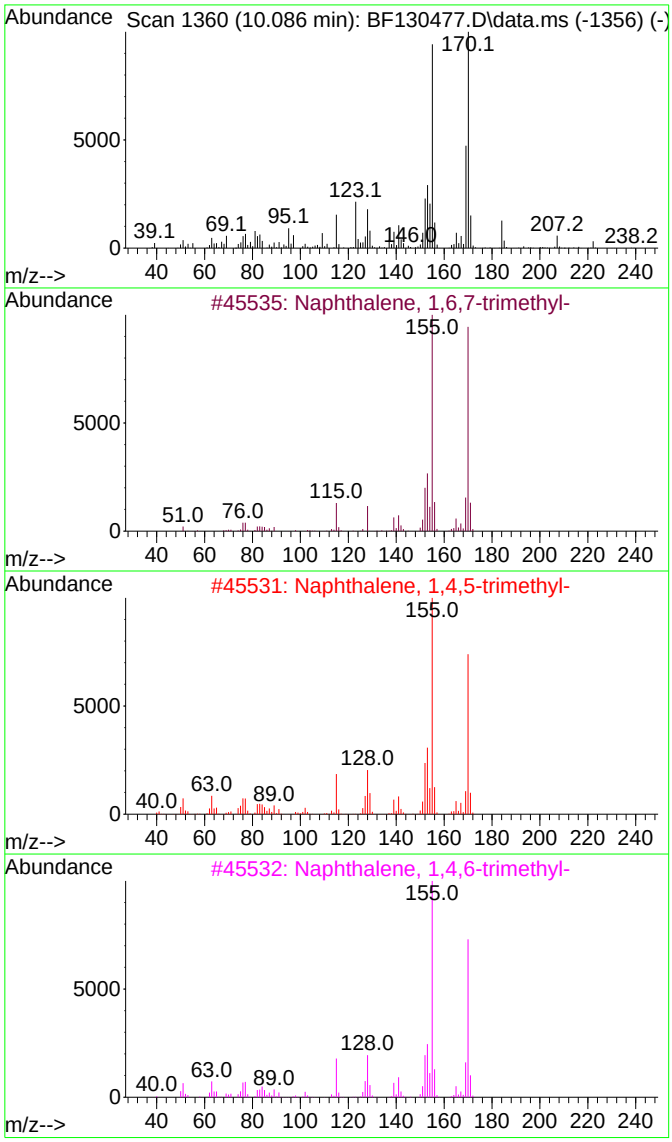
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

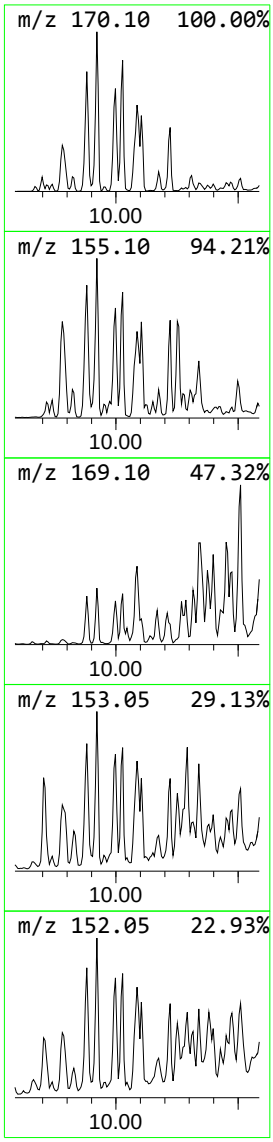
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.086	54.58 ng	1513760	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

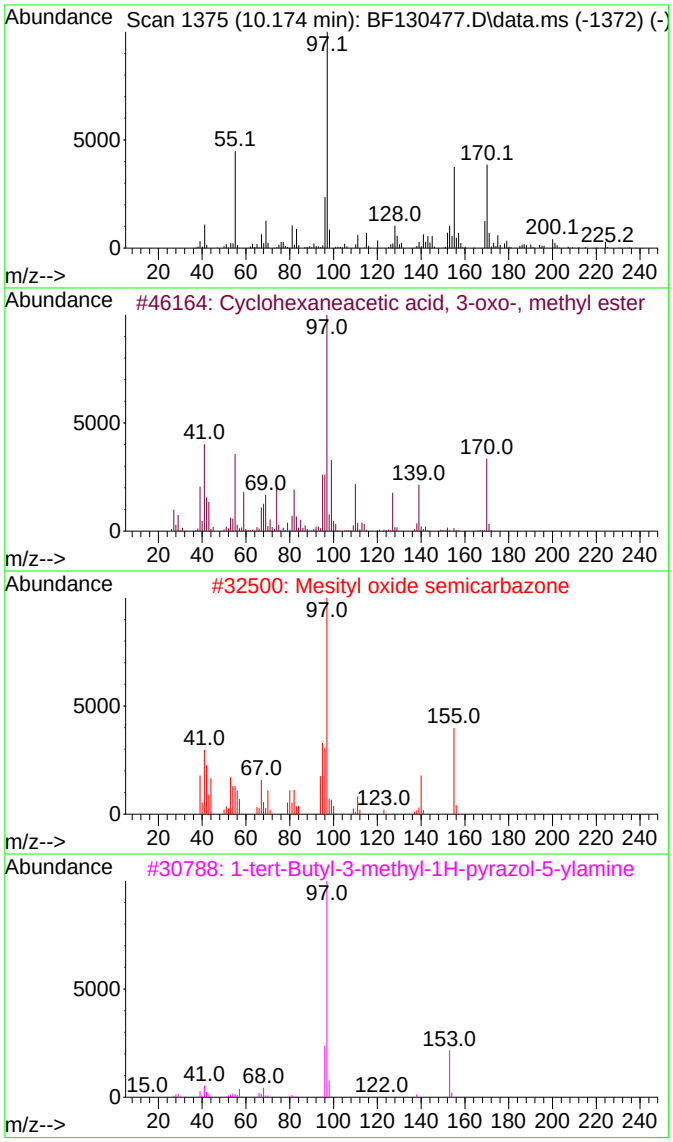
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

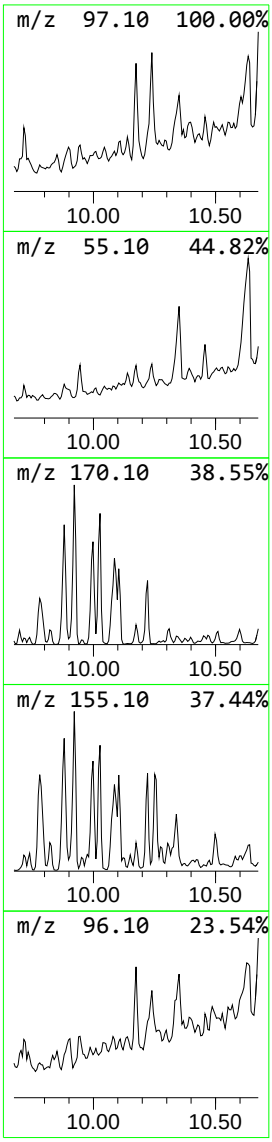
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexaneacetic acid, 3-o... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	35.91 ng	995975	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneacetic acid, 3-oxo-, ...	170	C9H14O3	002808-12-0	53
2	Mesityl oxide semicarbazone	155	C7H13N3O	003780-62-9	47
3	1-tert-Butyl-3-methyl-1H-pyrazol...	153	C8H15N3	141459-53-2	43
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	38
5	3-Cyclohexene-1-carboxylic acid,...	273	C17H23NO2	051931-66-9	38





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Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

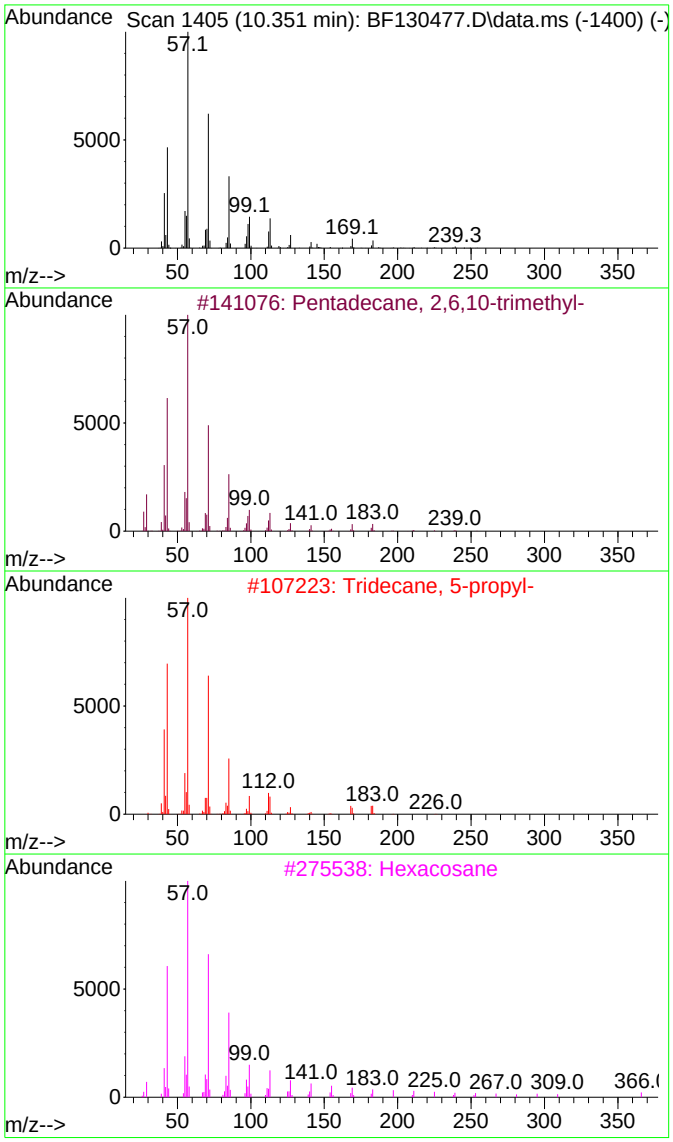
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

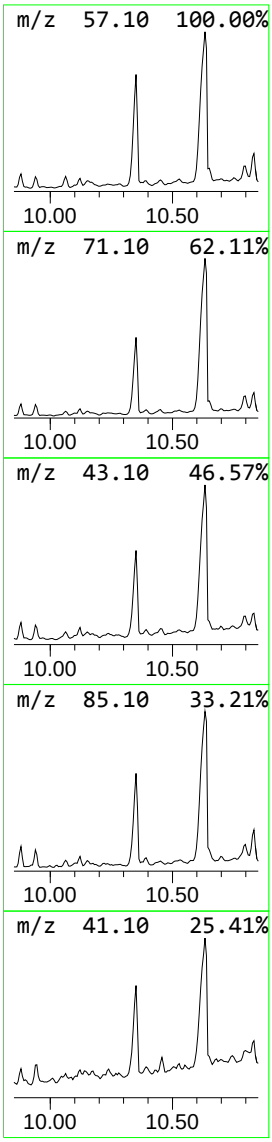
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	238.02 ng	6601980	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Hexadecane	226	C16H34	000544-76-3	76
5	Heptacosane	380	C27H56	000593-49-7	72





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Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

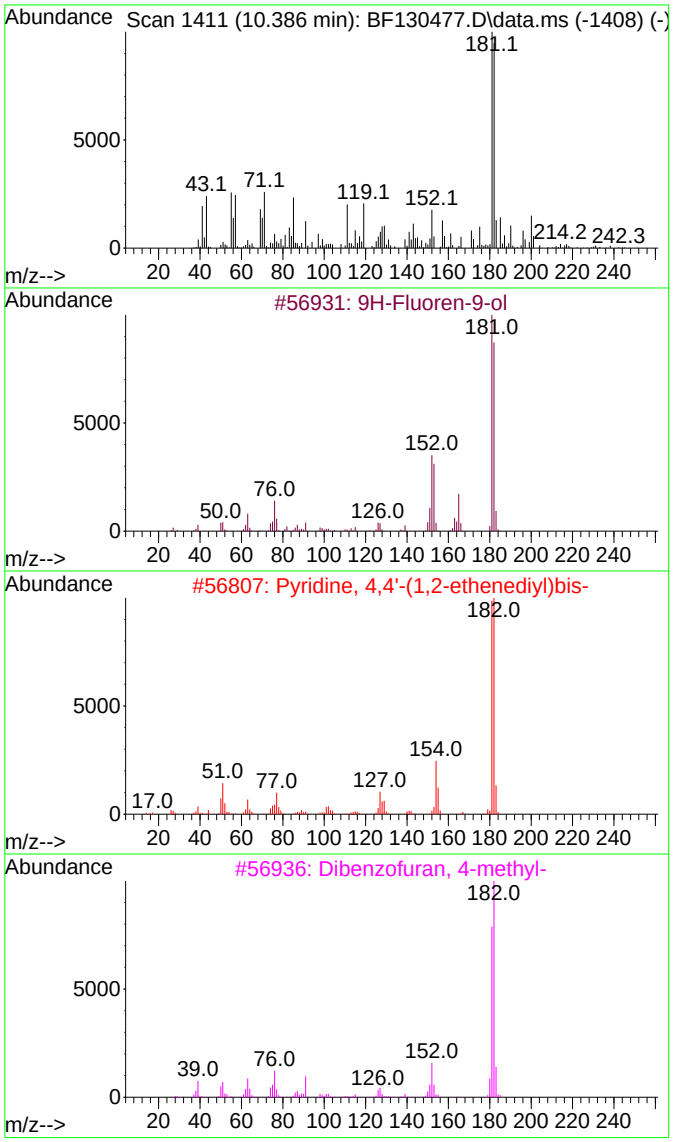
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

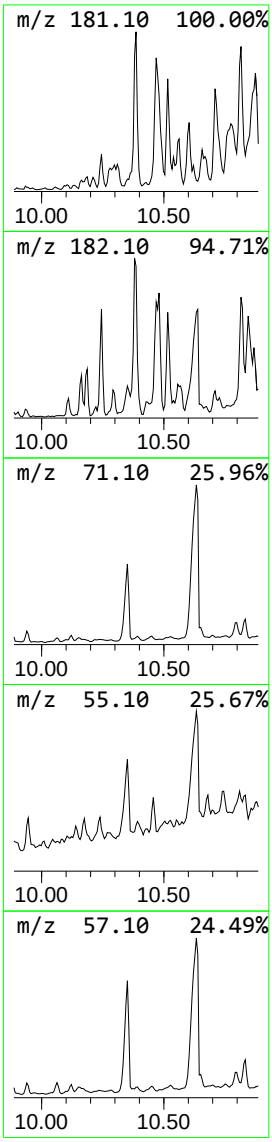
****

Peak Number 17 9H-Fluoren-9-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	57.57 ng	1596720	Acenaphthene-d10	9.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52
2	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	52
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

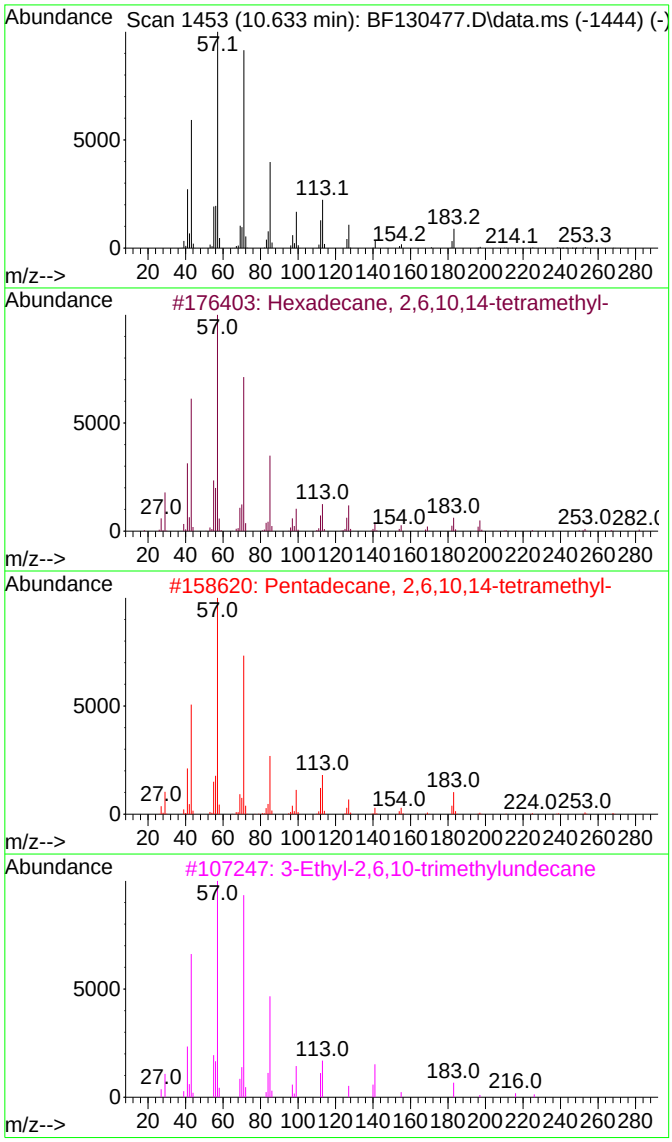
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

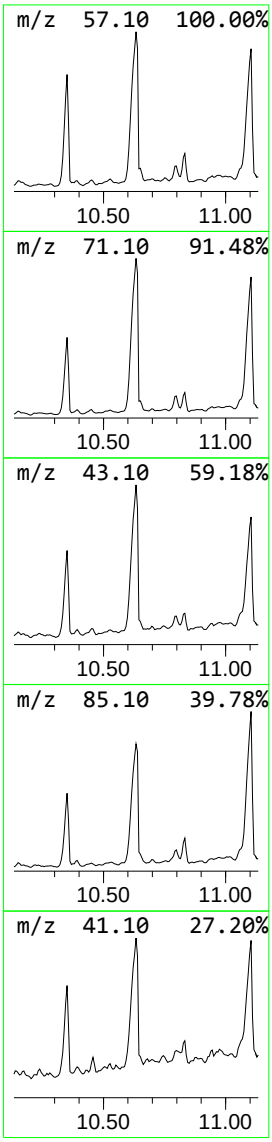
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	102.64 ng	16489800	Phenanthrene-d10	11.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

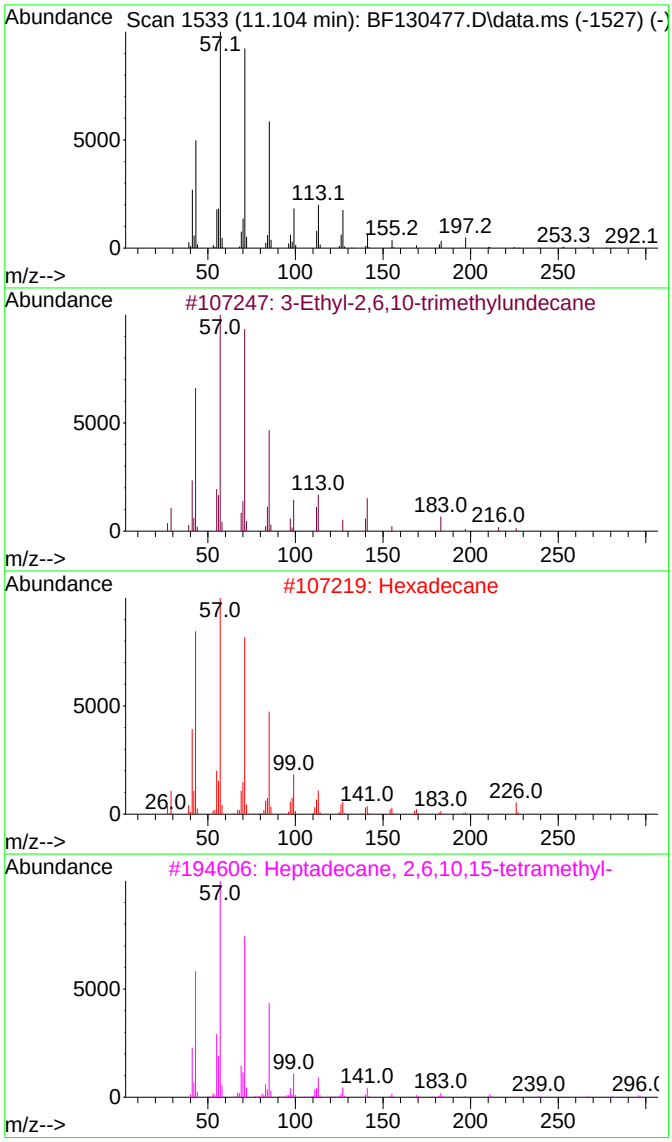
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

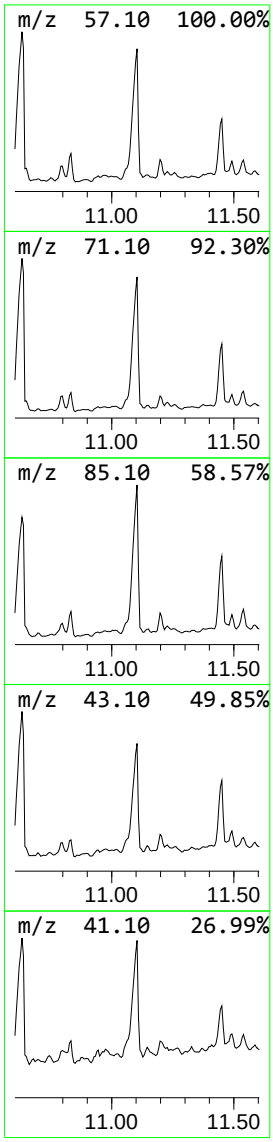
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 3-Ethyl-2,6,10-trimethylund... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.104	77.08 ng	12383400	Phenanthrene-d10	11.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64





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Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

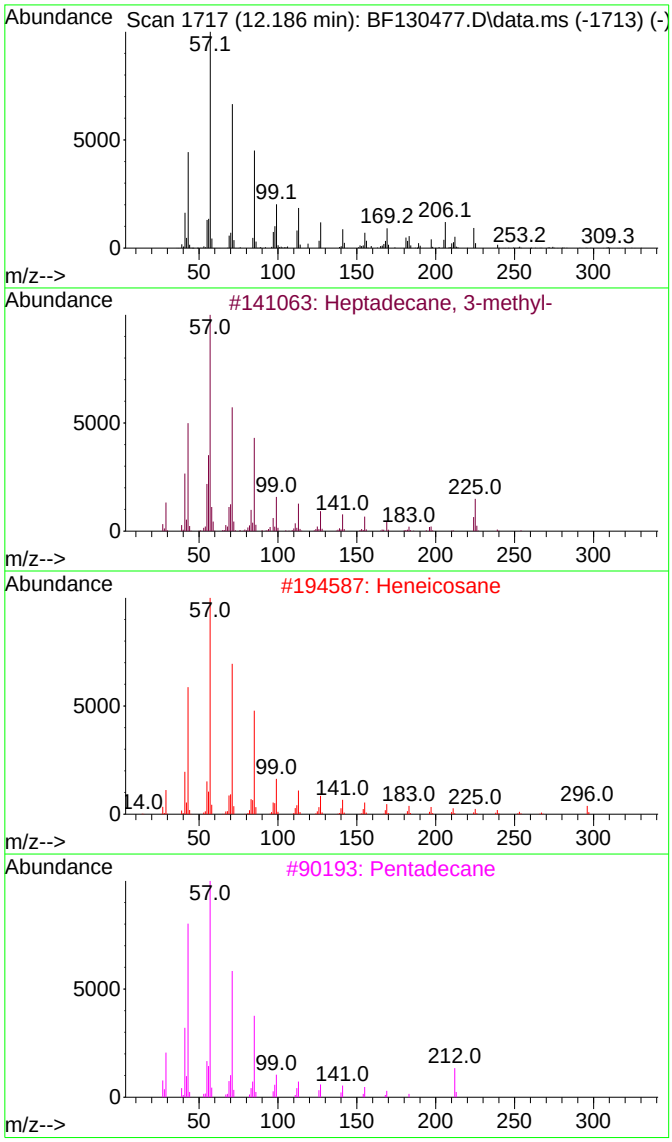
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

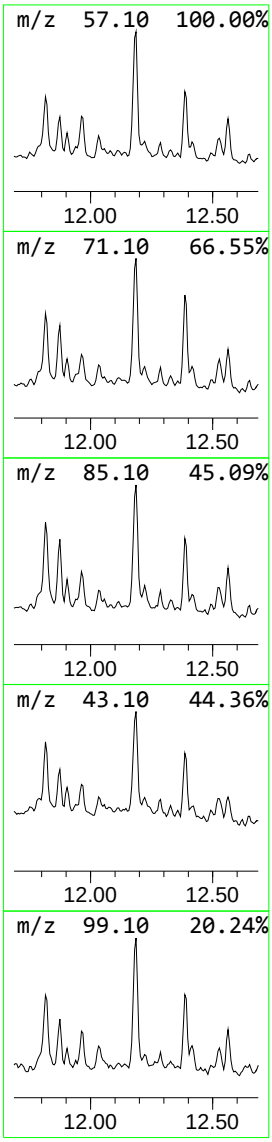
****

Peak Number 20 Heptadecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	29.85 ng	4794890	Phenanthrene-d10	11.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	80
2	Heneicosane	296	C21H44	000629-94-7	80
3	Pentadecane	212	C15H32	000629-62-9	76
4	Octadecane	254	C18H38	000593-45-3	72
5	Tetracosane	338	C24H50	000646-31-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130477.D
Acq On : 29 Sep 2022 20:58
Operator : CG\JU
Sample : N4862-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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-...	4.822	35.0	ng	1159050	1	6.639	662199	20.0
Indane	6.833	329.9	ng	10923200	1	6.639	662199	20.0
1-Propyne, 3-ph...	6.898	30.7	ng	1016700	1	6.639	662199	20.0
Naphthalene, 1,...	9.269	71.5	ng	1984620	3	9.674	554731	20.0
Naphthalene, 1,...	9.339	59.8	ng	1658500	3	9.674	554731	20.0
Naphthalene, 2,...	9.363	44.5	ng	1235160	3	9.674	554731	20.0
Carbonic acid, ...	9.410	75.3	ng	2088340	3	9.674	554731	20.0
Naphthalene, 1,...	9.451	30.4	ng	842670	3	9.674	554731	20.0
Naphthalene, 2,...	9.786	47.6	ng	1321330	3	9.674	554731	20.0
Naphthalene, 1,...	9.880	79.9	ng	2217120	3	9.674	554731	20.0
Naphthalene, 1,...	9.922	39.7	ng	1100020	3	9.674	554731	20.0
unknown9.945	9.945	36.7	ng	1018290	3	9.674	554731	20.0
4,6,8-Trimethyl...	9.998	58.7	ng	1628000	3	9.674	554731	20.0
Naphthalene, 1,...	10.086	54.6	ng	1513760	3	9.674	554731	20.0
Cyclohexaneacet...	10.175	35.9	ng	995975	3	9.674	554731	20.0
Pentadecane, 2,...	10.351	238.0	ng	6601980	3	9.674	554731	20.0
9H-Fluoren-9-ol	10.386	57.6	ng	1596720	3	9.674	554731	20.0
Hexadecane, 2,6...	10.633	102.6	ng	16489800	4	11.174	3213100	20.0
3-Ethyl-2,6,10-...	11.104	77.1	ng	12383400	4	11.174	3213100	20.0
Heptadecane, 3-...	12.186	29.9	ng	4794890	4	11.174	3213100	20.0