LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.975	658	661	667	rVB	1448681	1641195	14.15%	0.564%
2	6.263	707	710	712	rBV	1288782	1312247	11.31%	0.451%
3	6.322	717	720	727	rVB2	887009	1030582	8.88%	0.354%
4	6.393	727	732	735	rBV3	1152270	1405699	12.12%	0.483%
5	6.469	741	745	750	rBV5	681392	1353296	11.67%	0.465%
6	6.575	757	763	768	rBV2	3707694	5695526	49.10%	1.958%
7	6.751	789	793	797	rVB3	2037753	2138855	18.44%	0.735%
8	6.793	797	800	802	rBV	1485392	1342131	11.57%	0.461%
9	6.881	812	815	819	rBV3	1544521	1525087	13.15%	0.524%
10	7.010	834	837	840	rVB2	1905243	2245445	19.36%	0.772%
11	7.057	840	845	846	rBV2	1451888	2150631	18.54%	0.739%
12	7.075	846	848	852	rVB	1739357	1788487	15.42%	0.615%
13	7.128	852	857	860	rBV2	2957462	3004287	25.90%	1.033%
14	7.204	867	870	872	rBV	1193416	1120000	9.66%	0.385%
15	7.275	877	882	885	rBV2	2634432	3207687	27.65%	1.103%
16	7.310	885	888	890	rBV3	1661377	1620557	13.97%	0.557%
17	7.351	890	895	897	rVB	5079828	6255396	53.93%	2.151%
18	7.387	897	901	904	rVB4	1745476	2623046	22.61%	0.902%
19	7.428	904	908	909	rBV3	1225853	1335890	11.52%	0.459%
20	7.451	909	912	916	rVB3	1447218	1621475	13.98%	0.558%
21	7.516	921	923	926	rBV3	1687439	1889135	16.29%	0.650%
22	7.545	926	928	931	rVB2	2290050	2062418	17.78%	0.709%
23	7.628	938	942	943	rBV3	1359145	1465832	12.64%	0.504%
24	7.710	952	956	959	rVB3	1758766	2785896	24.02%	0.958%
25	7.745	959	962	963	rBV	1939638	1592627	13.73%	0.548%
26	7.769	963	966	967	rBV3	1647401	1612097	13.90%	0.554%
27	7.822	973	975	977	rBV	1602736	1556841	13.42%	0.535%
28	7.845	977	979	981	rVV	1627521	1442270	12.43%	0.496%
29	7.898	985	988	991	rBV2	1356365	1686377	14.54%	0.580%
30	7.981	1000	1002	1004	rVV2	1639349	1924243	16.59%	0.662%
31	8.028	1004	1010	1012	rVV2	6293526	11599461	100.00%	3.988%
32	8.051	1012	1014	1016	rVV3	3067955	3434315	29.61%	1.181%
33	8.075	1016	1018	1020	rVV	2469278	2679342	23.10%	0.921%
34	8.098	1020	1022	1024	rVV	4083737	3339241	28.79%	1.148%
35	8.122	1024	1026	1029	rVV	1779529	1683838	14.52%	0.579%
36	8.187	1033	1037	1038	rBV2	1255952	1386045	11.95%	0.477%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.228	1041	1044	1047	rVB3	2440242	2536099	21.86%	0.872%
38	8.275	1047	1052	1055	rBV4	981327	1824843	15.73%	0.627%
39	8.322	1055	1060	1063	rVV6	2721669	5045983	43.50%	1.735%
40	8.381	1067	1070	1073	rVV4	2015420	1996600	17.21%	0.686%
41	8.416	1073	1076	1079	rVB3	3198032	3151606	27.17%	1.084%
42	8.469	1079	1085	1088	rBV2	4451392	6344512	54.70%	2.181%
43	8.498	1088	1090	1093	rVB3	1469060	1435970	12.38%	0.494%
44	8.545	1093	1098	1100	rBV2	3243493	3623552	31.24%	1.246%
45	8.569	1100	1102	1105	rVV3	943303	992582	8.56%	0.341%
46	8.651	1109	1116	1118	rBV2	5895049	10021906	86.40%	3.446%
47	8.698	1118	1124	1126	rVV5	1927922	3194688	27.54%	1.098%
48	8.728	1126	1129	1131	rVV	1544050	1848778	15.94%	0.636%
49	8.769	1131	1136	1138	rVB	3157907	4248954	36.63%	1.461%
50	8.863	1147	1152	1155	rBV2	3342828	4448938	38.35%	1.530%
51	8.998	1170	1175	1178	rVB4	1966463	2746219	23.68%	0.944%
52	9.034	1178	1181	1183	rVV3	1169358	1292974	11.15%	0.445%
53	9.069	1183	1187	1192	rVV2	3562911	4433151	38.22%	1.524%
54	9.222	1204	1213	1216	rBV2	5400034	10940063	94.32%	3.761%
55	9.322	1227	1230	1235	rVB	1880159	2354882	20.30%	0.810%
56	9.398	1237	1243	1246	rVB2	2872718	4754694	40.99%	1.635%
57	9.475	1246	1256	1258	rBV4	3072276	7347162	63.34%	2.526%
58	9.504	1259	1261	1262	rVV	2642503	2444074	21.07%	0.840%
59	9.528	1263	1265	1267	rVV	3534139	3001650	25.88%	1.032%
60	9.545	1267	1268	1271	rVB3	1927663	1585868	13.67%	0.545%
61	9.581	1271	1274	1277	rBV3	2435623	2851306	24.58%	0.980%
62	9.669	1285	1289	1292	rBV3	1814487	2019830	17.41%	0.694%
63	9.704	1292	1295	1297	rBV2	1144739	978314	8.43%	0.336%
64	9.751	1297	1303	1305	rBV	5142476	8054713	69.44%	2.769%
65	9.781	1305	1308	1313	rVB5	1968750	3114214	26.85%	1.071%
66	9.863	1320	1322	1326	rVB3	987533	1267375	10.93%	0.436%
67	9.910	1326	1330	1334	rVB3	2013277	2897226	24.98%	0.996%
68	9.963	1334	1339	1342	rBV5	1391137	2840821	24.49%	0.977%
69	9.998	1342	1345	1346	rBV2	1617717	1571936	13.55%	0.540%
70	10.057	1351	1355	1358	rBV3	3375464	3641692	31.40%	1.252%
71	10.128	1363	1367	1369	rBV2	2190857	2636227	22.73%	0.906%
72	10.157	1369	1372	1378	rVB3	2077376	2630713	22.68%	0.905%
73	10.216	1378	1382	1383	rBV2	1563438	2225657	19.19%	0.765%
74	10.251	1383	1388	1390	rVV2	4615205	7075314	61.00%	2.433%
75	10.351	1400	1405	1407	rBV3	1364999	2237037	19.29%	0.769%
76	10.457	1418	1423	1428	rVB2	3228699	5572435	48.04%	1.916%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.504	1428	1431	1435	rVV4	1481030	1787923	15.41%	0.615%
78	10.539	1435	1437	1440	rVV2	887509	990521	8.54%	0.341%
79	10.569	1440	1442	1445	rVV2	1662795	1443000	12.44%	0.496%
80	10.628	1450	1452	1457	rVB5	861227	1039207	8.96%	0.357%
81	10.728	1462	1469	1474	rBV3	4786133	11153690	96.16%	3.835%
82	10.898	1495	1498	1502	rBV3	1324212	2050207	17.68%	0.705%
83	10.933	1502	1504	1507	rVV3	1694483	1904994	16.42%	0.655%
84	10.963	1507	1509	1512	rVV2	819235	1033929	8.91%	0.355%
85	11.045	1516	1523	1529	rBV7	1115720	2646785	22.82%	0.910%
86	11.169	1538	1544	1546	rBV	4243250	6208996	53.53%	2.135%
87	11.198	1546	1549	1553	rVB	3623975	3965062	34.18%	1.363%
88	11.328	1568	1571	1577	rVB2	1586642	2368929	20.42%	0.814%
89	11.463	1591	1594	1598	rBV3	1082364	1129766	9.74%	0.388%
90	11.533	1603	1606	1612	rVV4	1163834	1445103	12.46%	0.497%
91	11.592	1612	1616	1619	rVV	3790618	4623718	39.86%	1.590%
92	11.627	1619	1622	1628	rVB4	917295	1390739	11.99%	0.478%
93	11.804	1649	1652	1654	rBV	1247811	1279336	11.03%	0.440%
94	11.833	1655	1657	1661	rVB2	1517470	1494421	12.88%	0.514%
95	11.998	1680	1685	1687	rBV	3930714	4063224	35.03%	1.397%
96	12.269	1728	1731	1735	rVB2	737522	996389	8.59%	0.343%
97	12.357	1743	1746	1747	rBV	888698	953334	8.22%	0.328%
98	12.380	1747	1750	1753	rVB	3322770	3238878	27.92%	1.114%
99	12.751	1809	1813	1818	rVB2	2547490	2692455	23.21%	0.926%
100	13.098	1869	1872	1875	rBV	1219899	1155954	9.97%	0.397%

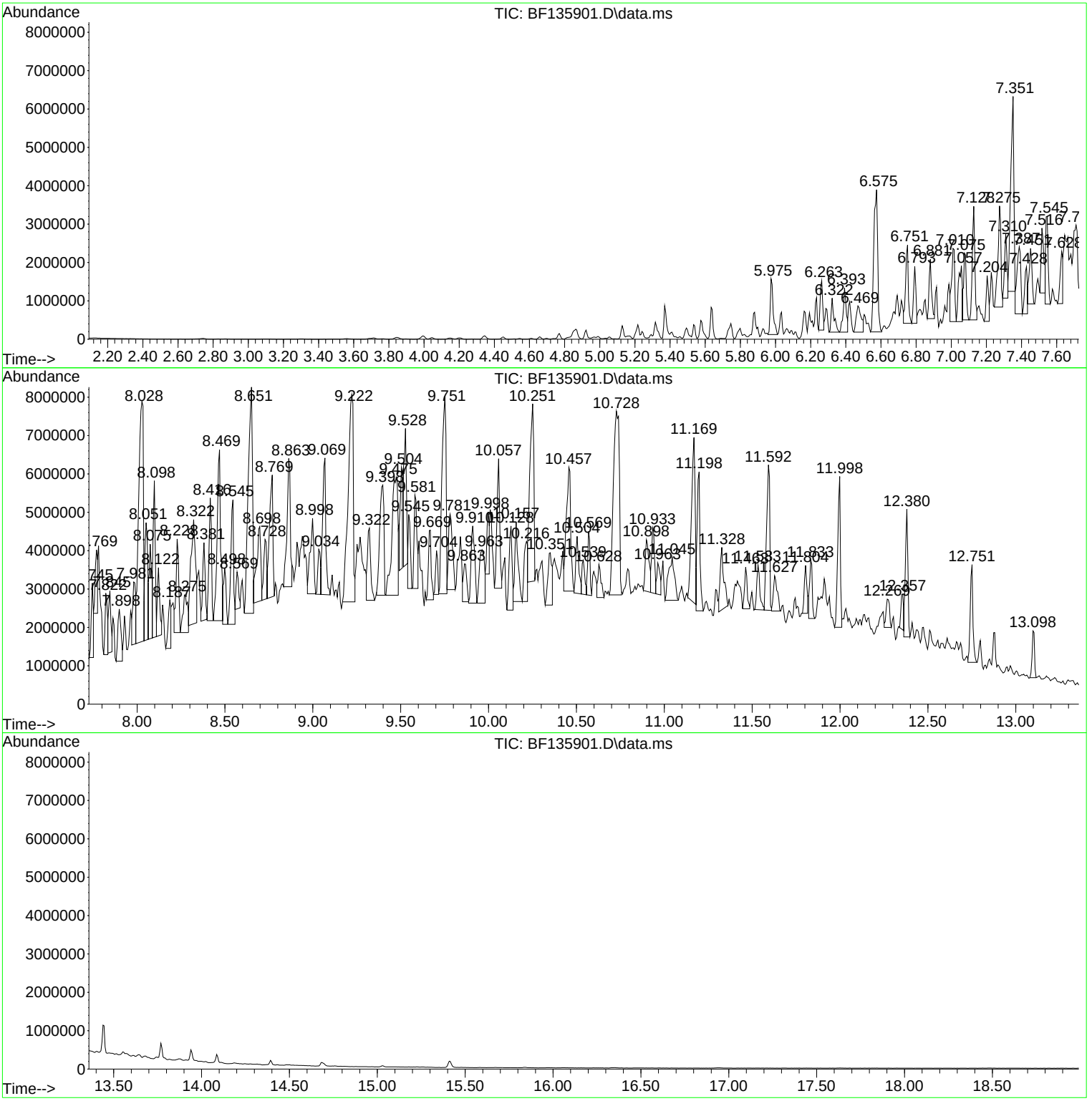
Sum of corrected areas: 290844615

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

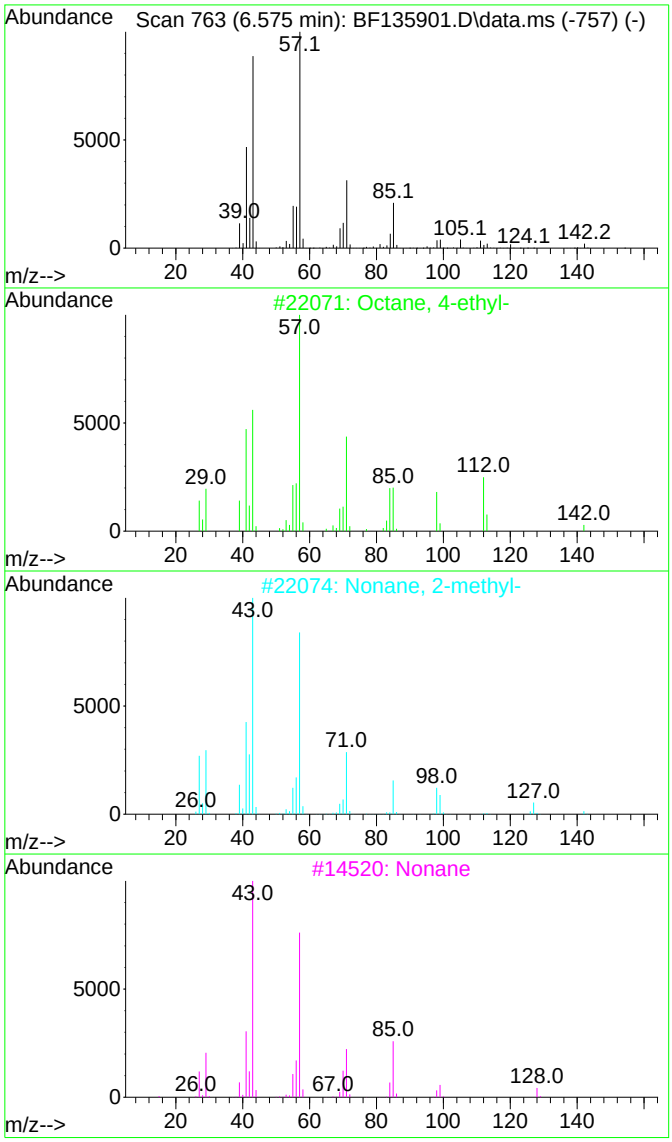
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

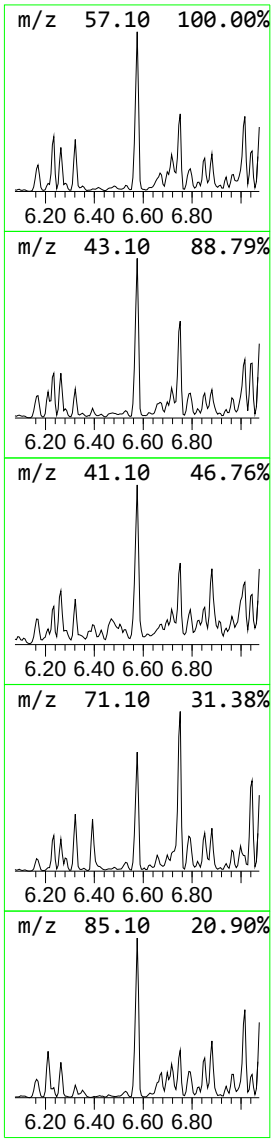
****

Peak Number 1 Octane, 4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	53.26 ng	5695530	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	87
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
3	Nonane	128	C9H20	000111-84-2	72
4	Decane	142	C10H22	000124-18-5	64
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

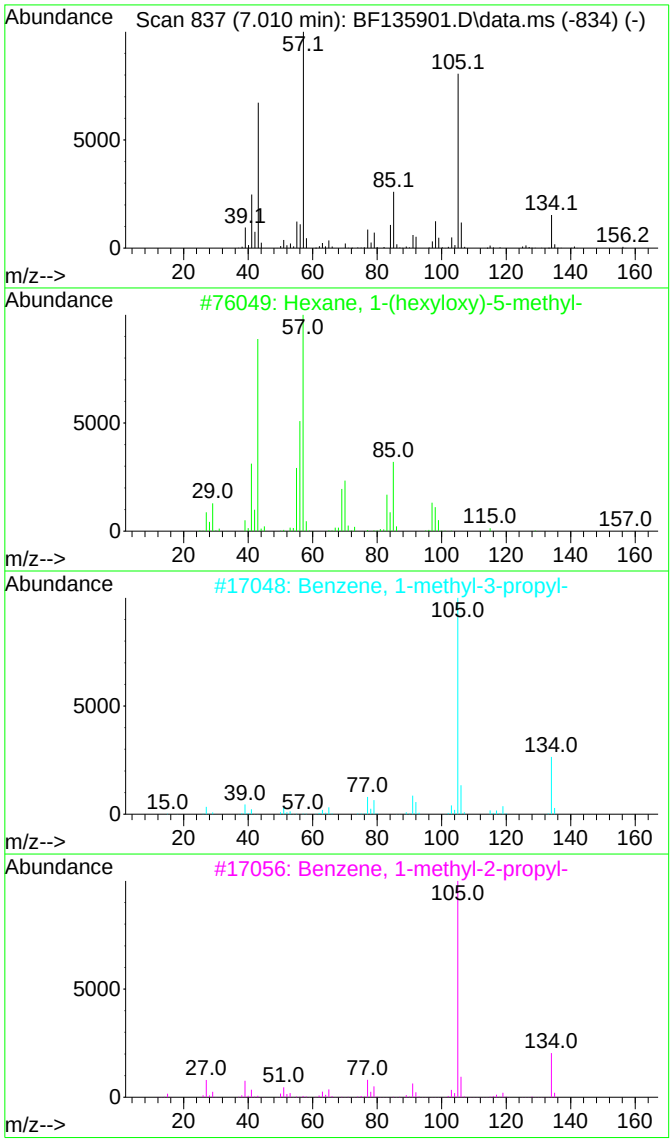
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

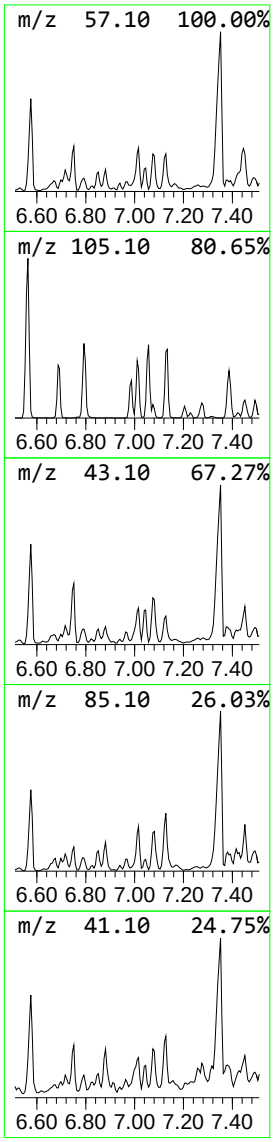
****

Peak Number 2 unknown7.010 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	21.00 ng	2245450	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
4	Decane, 5-methyl-	156	C11H24	013151-35-4	38
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

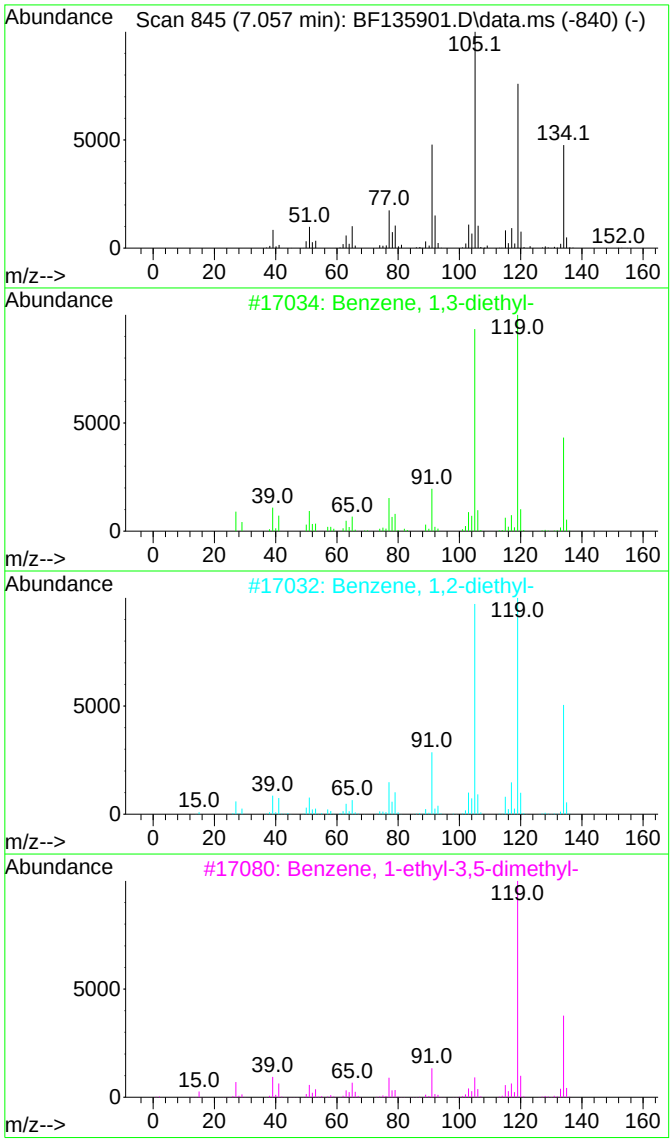
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

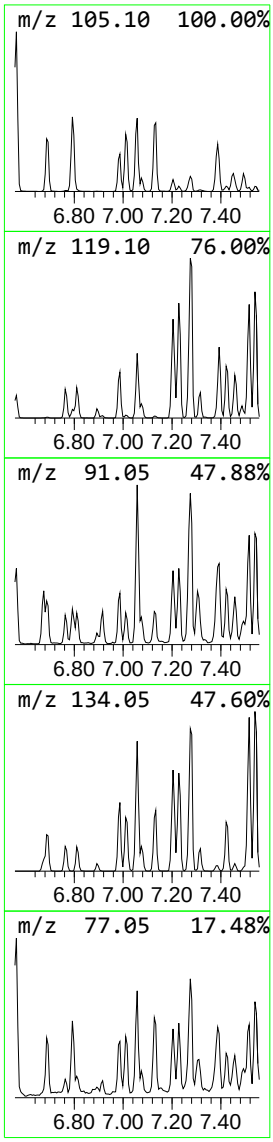
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	20.11 ng	2150630	1,4-Dichlorobenzene-d4	6.740

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	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

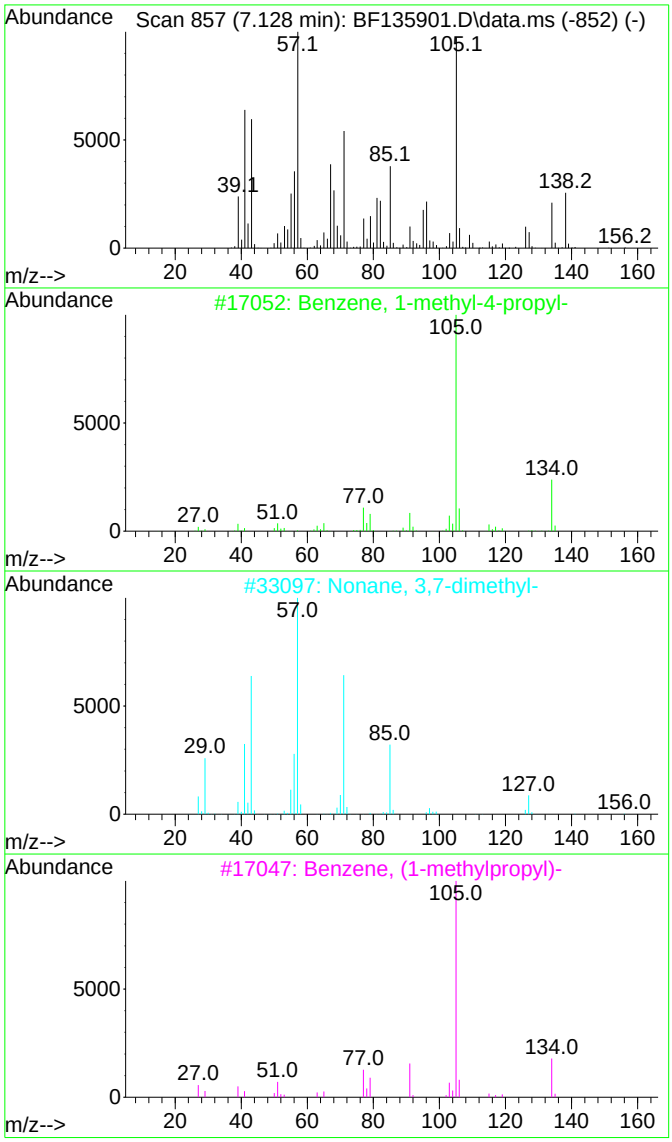
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

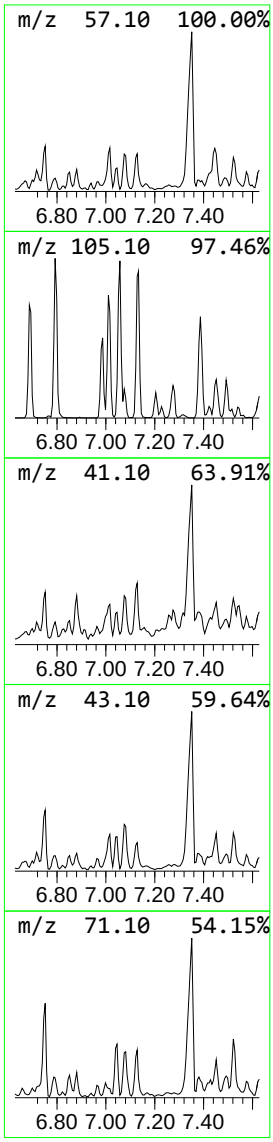
****

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	28.09 ng	3004290	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

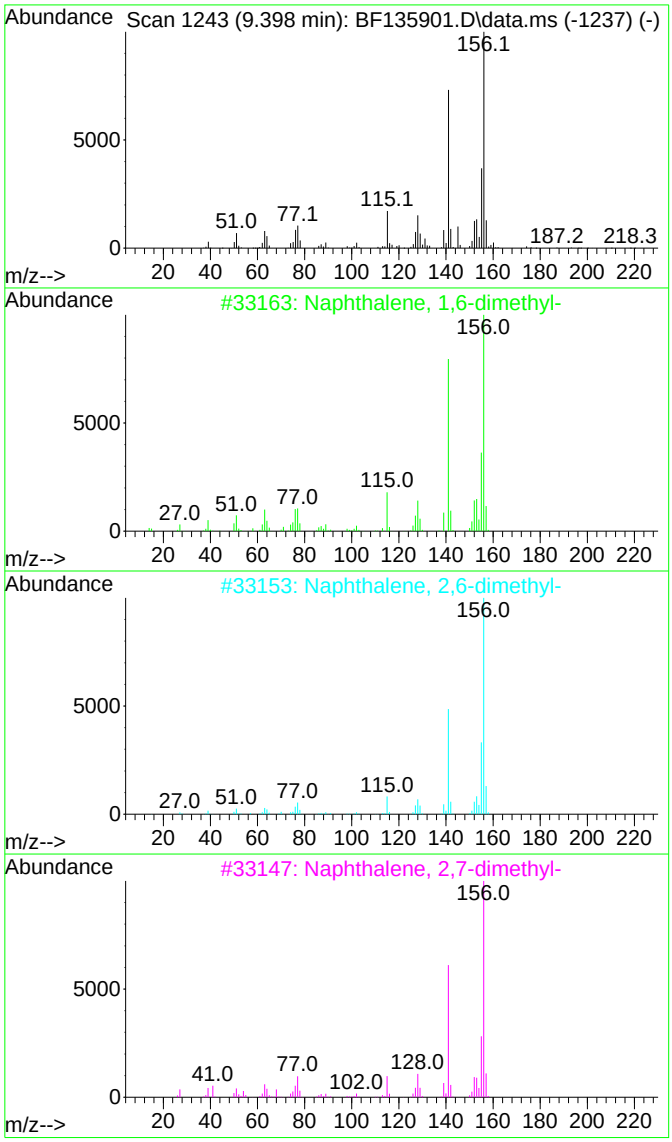
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

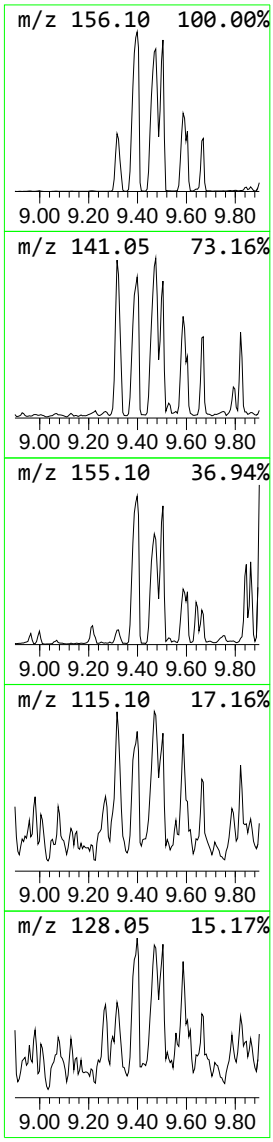
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	30.54 ng	4754690	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

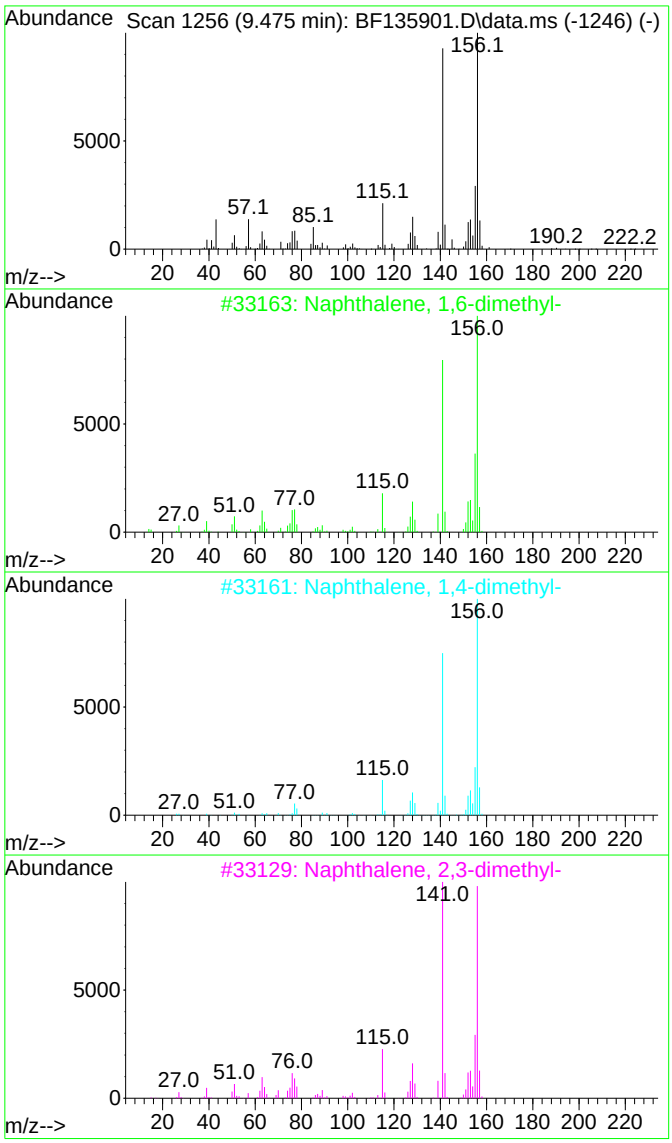
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

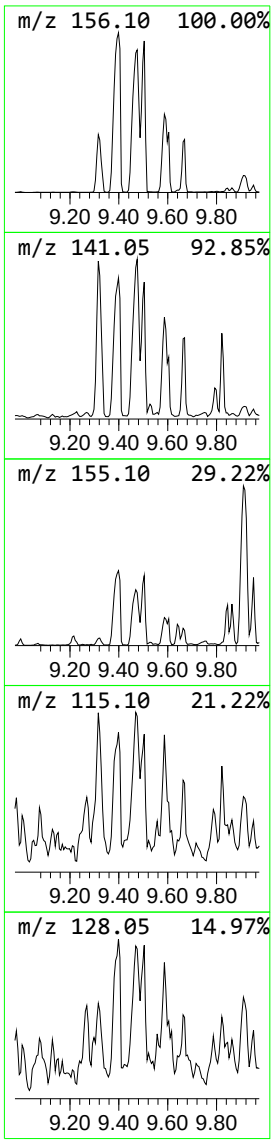
****

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	47.18 ng	7347160	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

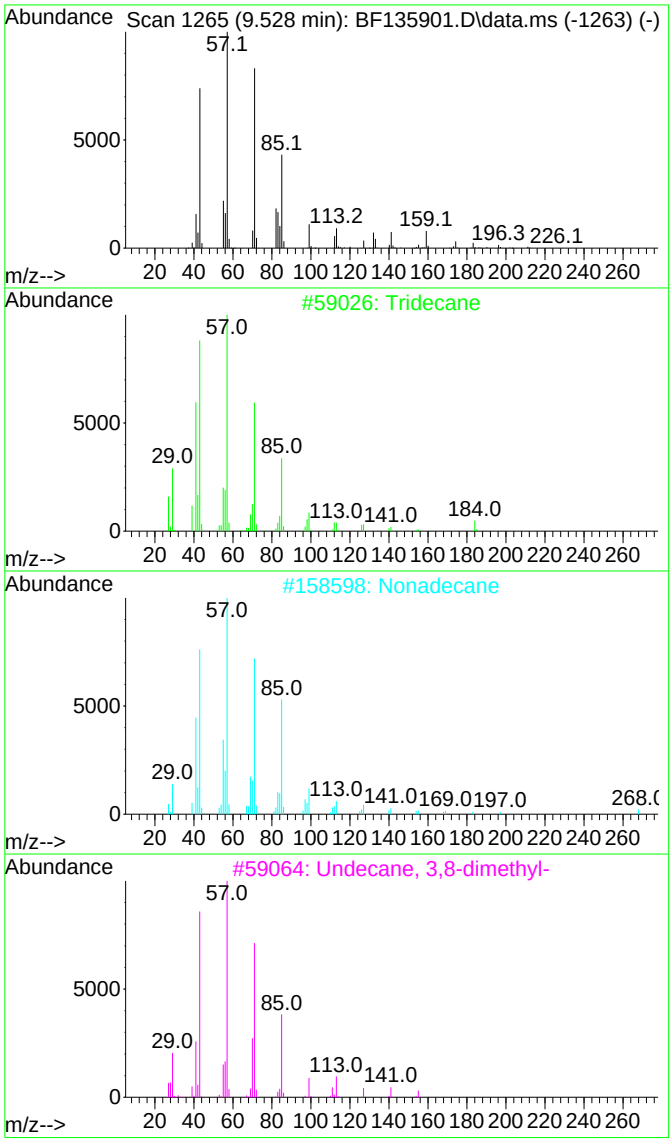
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

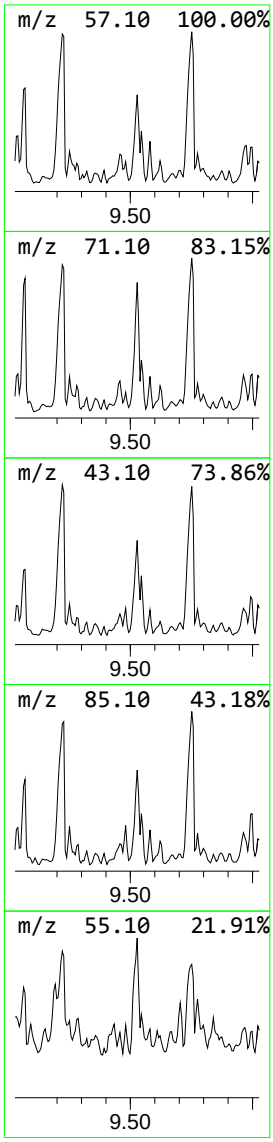
****

Peak Number 7 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	19.28 ng	3001650	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
4	Decane, 5-propyl-	184	C13H28	017312-62-8	83
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

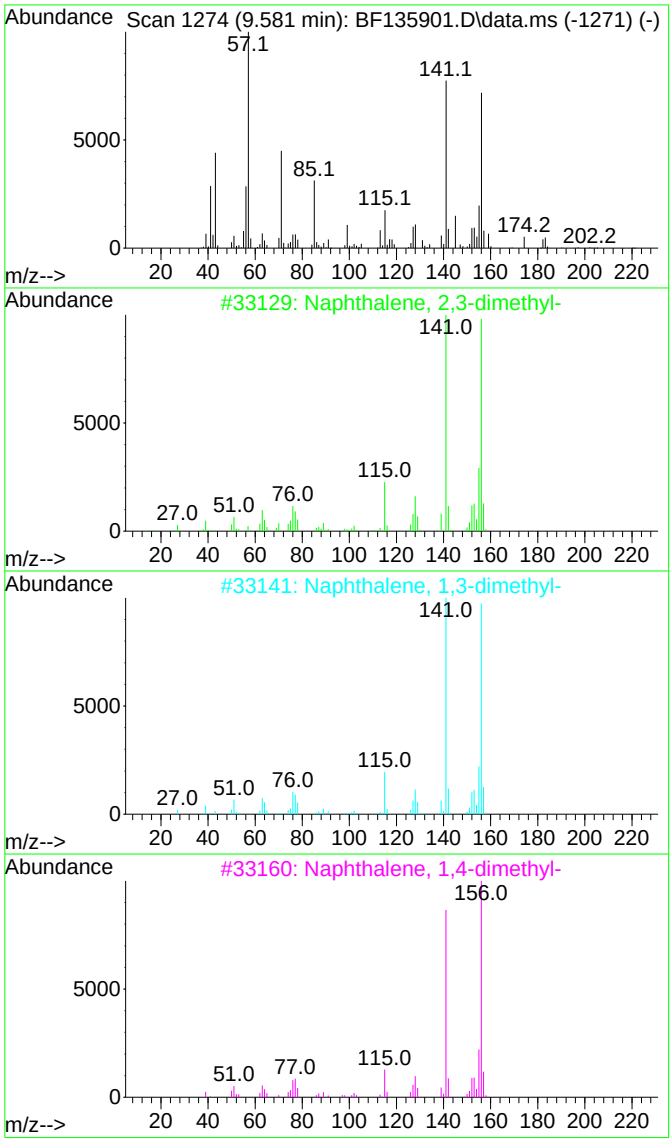
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

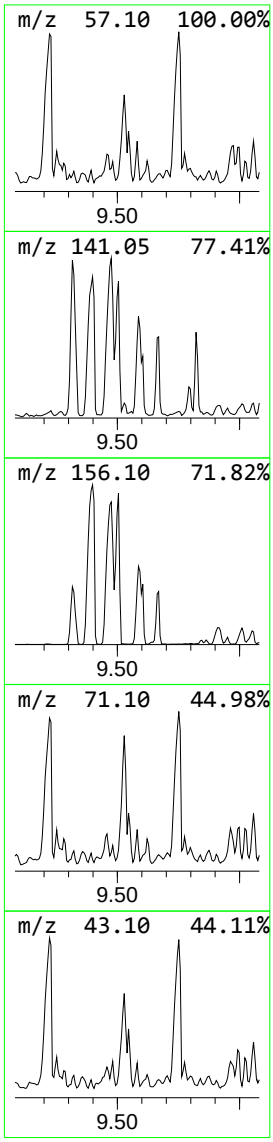
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	18.31 ng	2851310	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

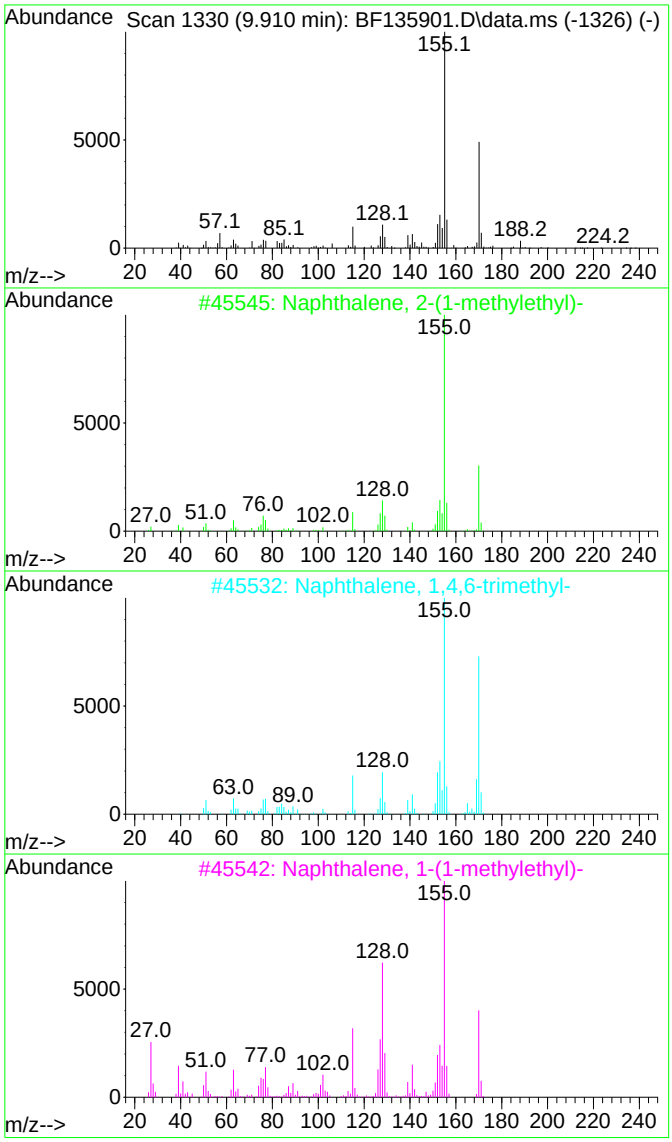
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

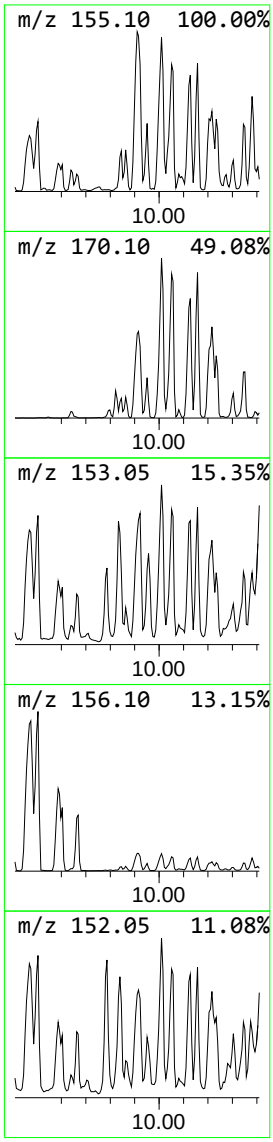
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.910	18.61 ng	2897230	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

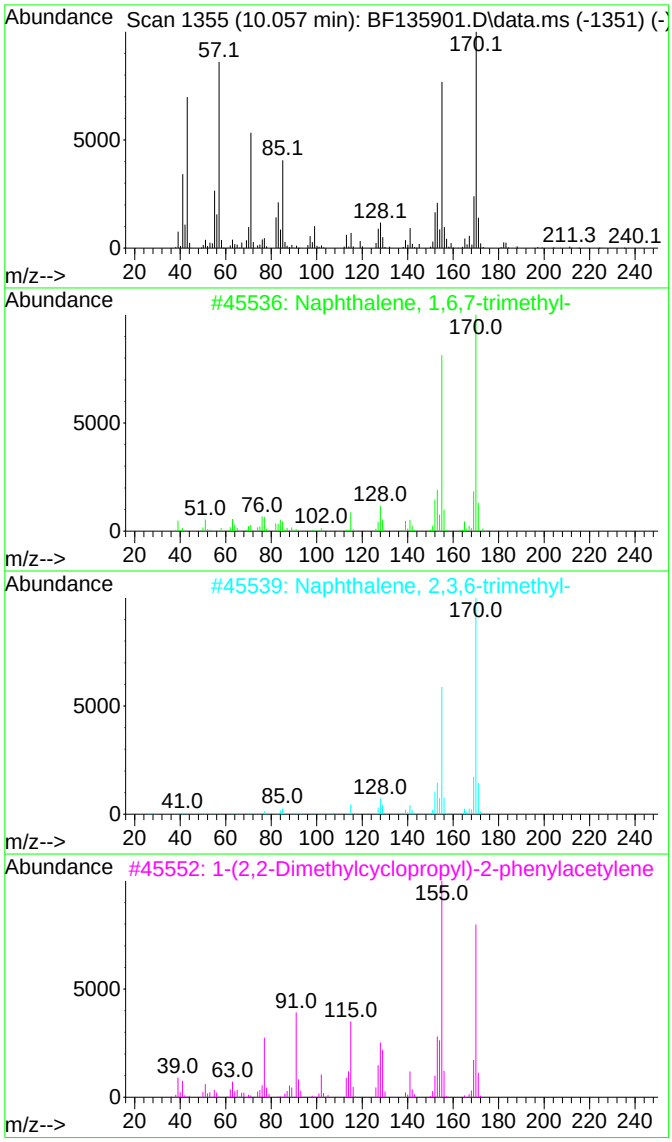
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

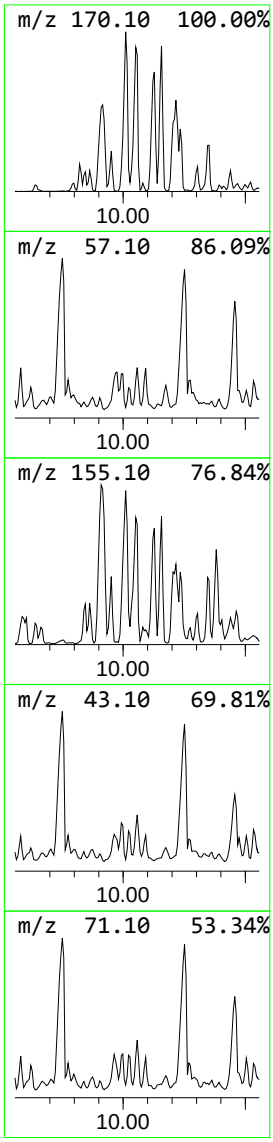
****

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	23.39 ng	3641690	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

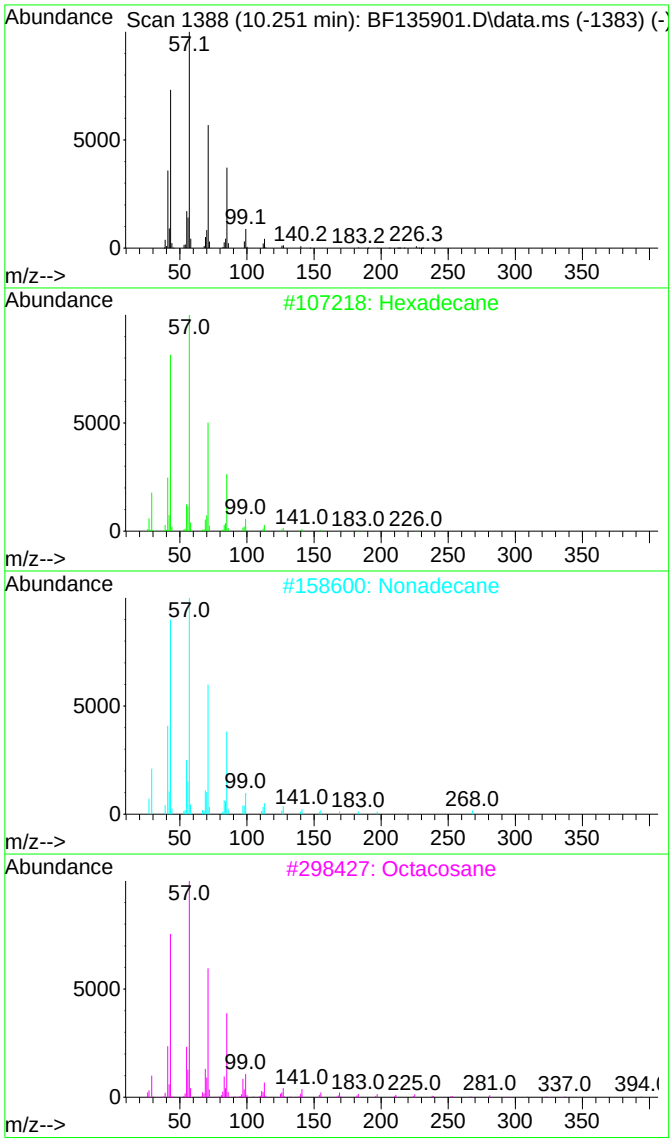
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

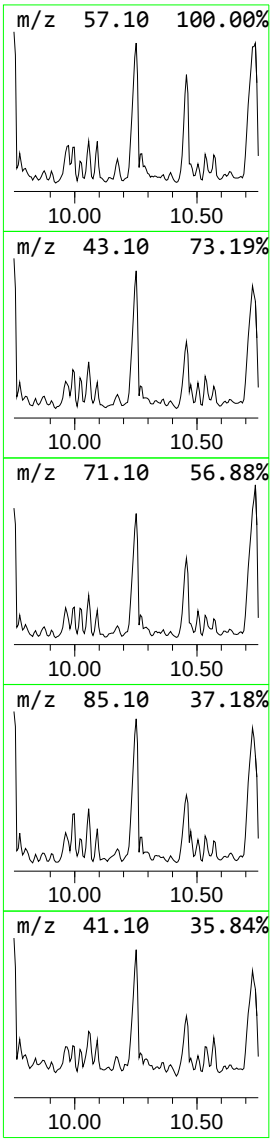
****

Peak Number 11 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	45.44 ng	7075310	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	83
3	Octacosane	394	C28H58	000630-02-4	78
4	Tridecane	184	C13H28	000629-50-5	78
5	Tetradecane	198	C14H30	000629-59-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

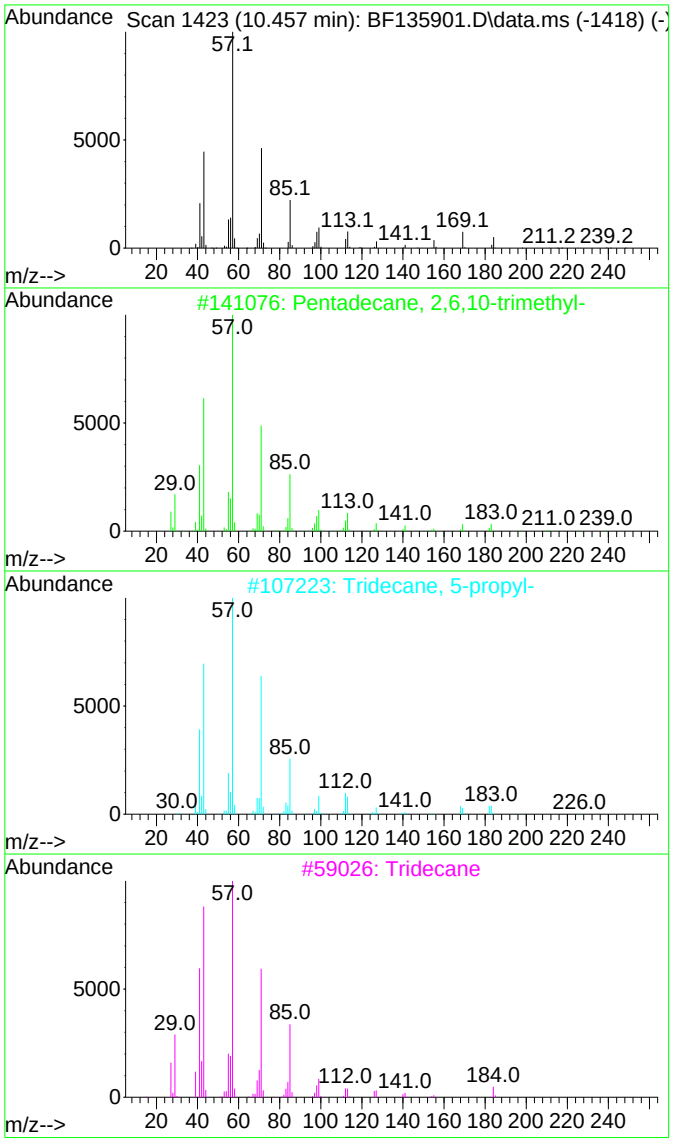
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

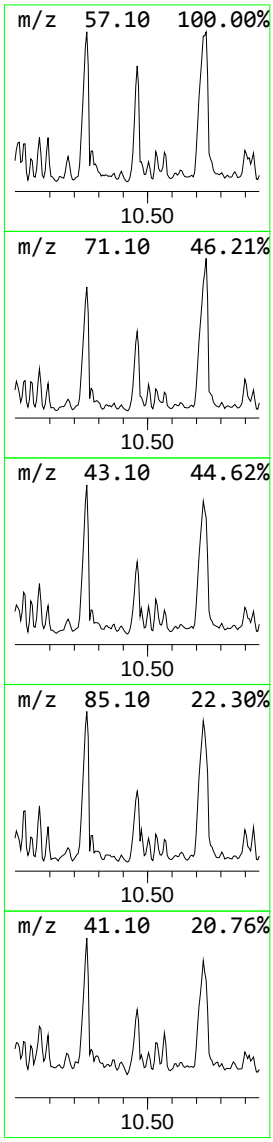
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	35.79 ng	5572440	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
3	Tridecane	184	C13H28	000629-50-5	72
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

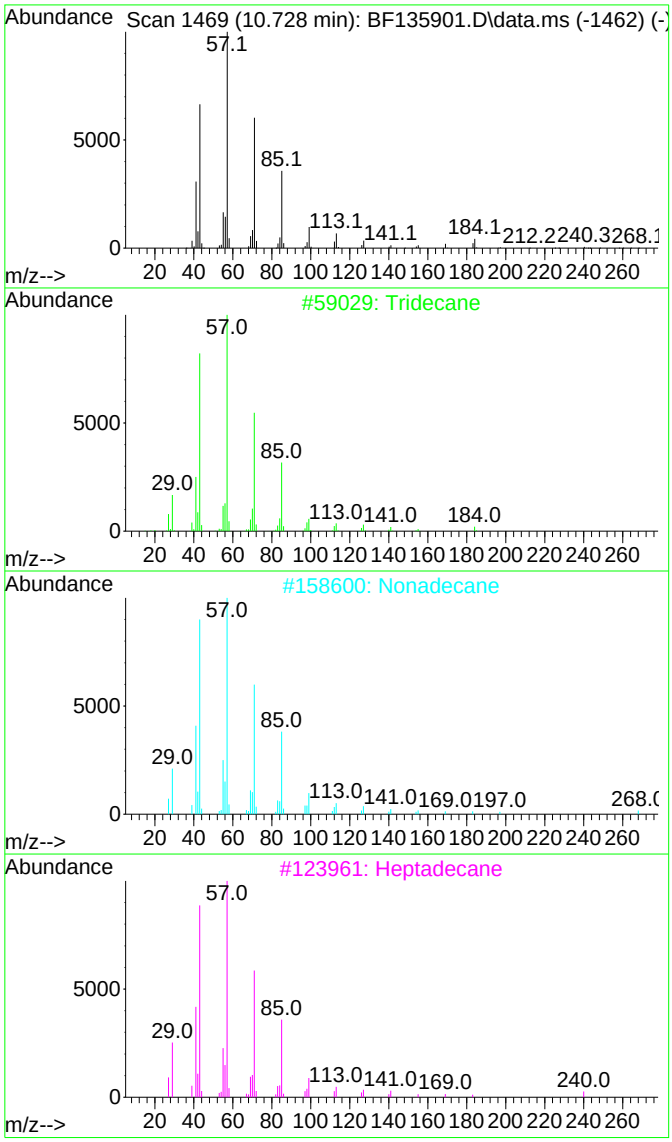
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

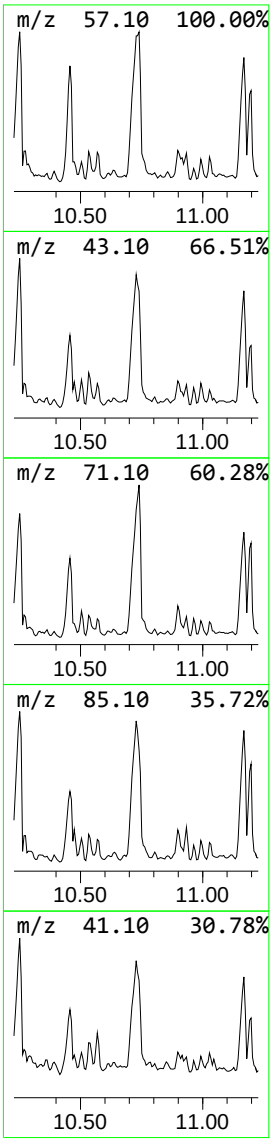
****

Peak Number 13 Tetradecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	94.17 ng	11153700	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

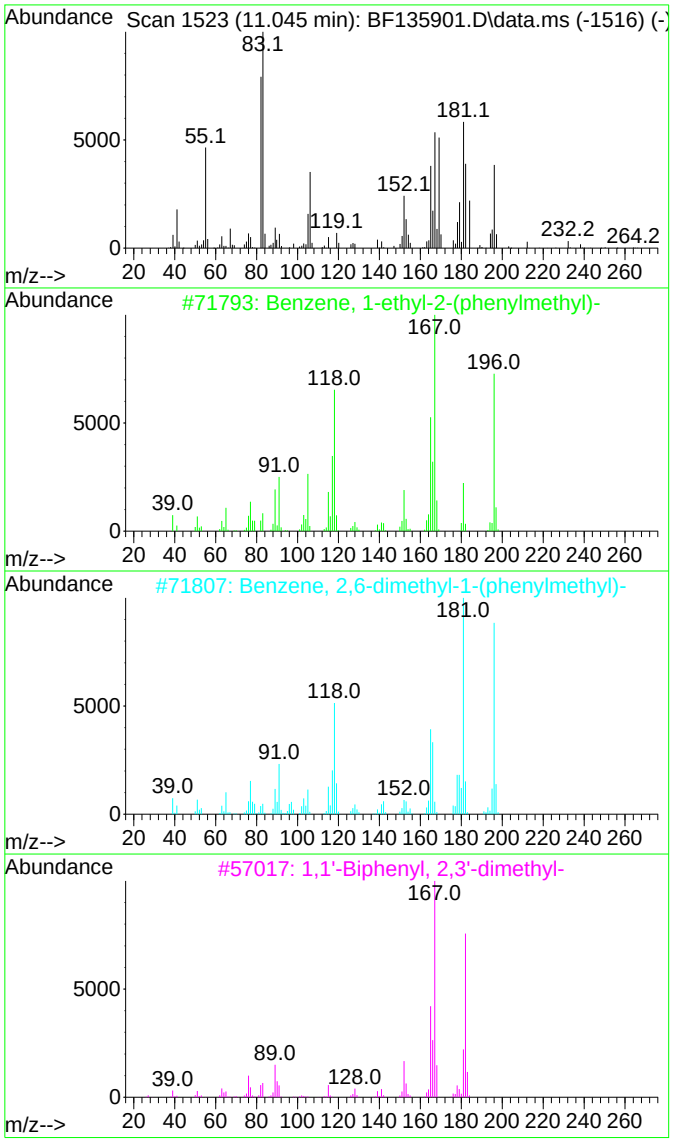
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

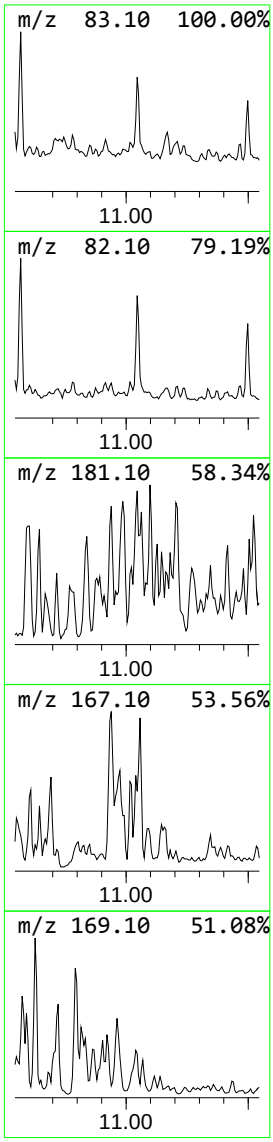
****

Peak Number 14 unknown11.045 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.045	22.35 ng	2646790	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-(phenylmethyl)-	196	C15H16	028122-25-0	25
2	Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	25
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	25
4	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	25
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

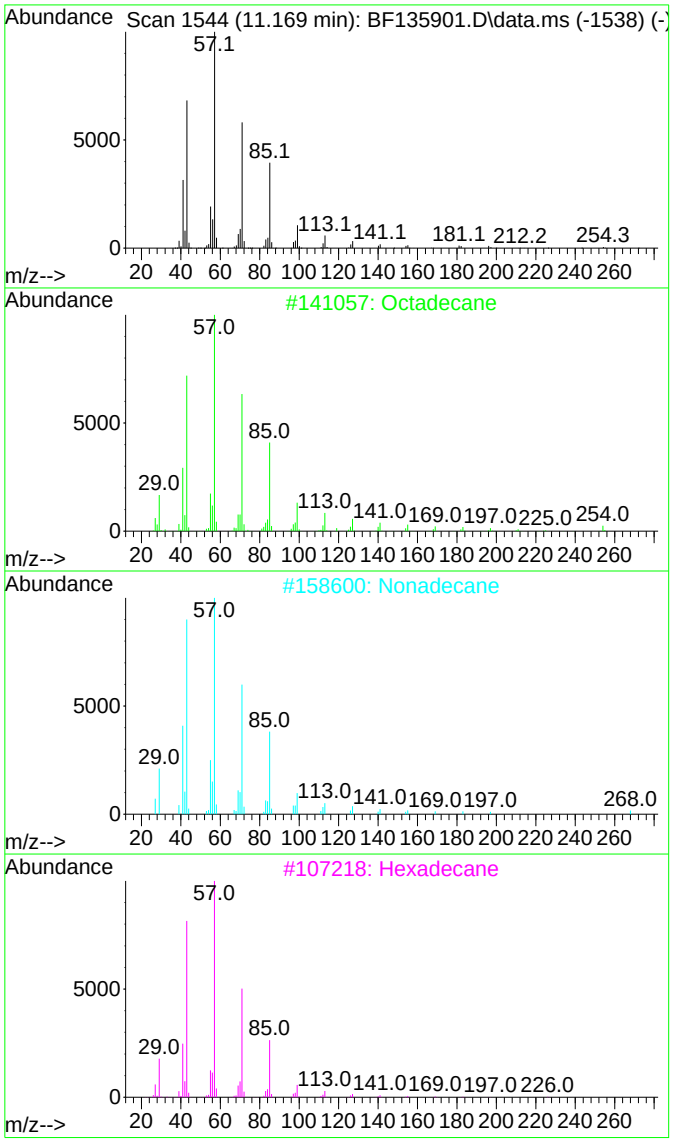
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

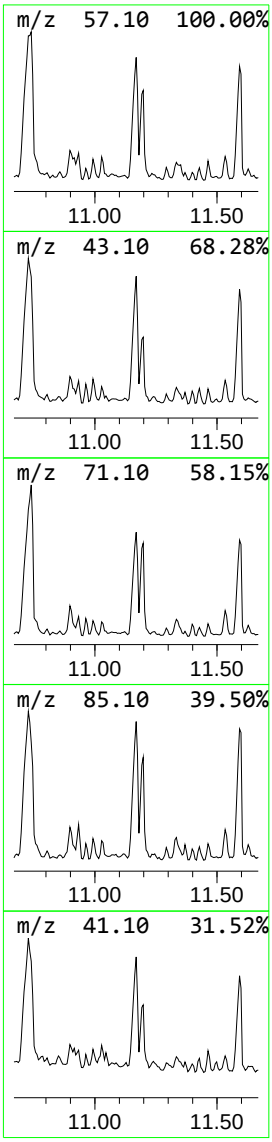
****

Peak Number 15 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	52.42 ng	6209000	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

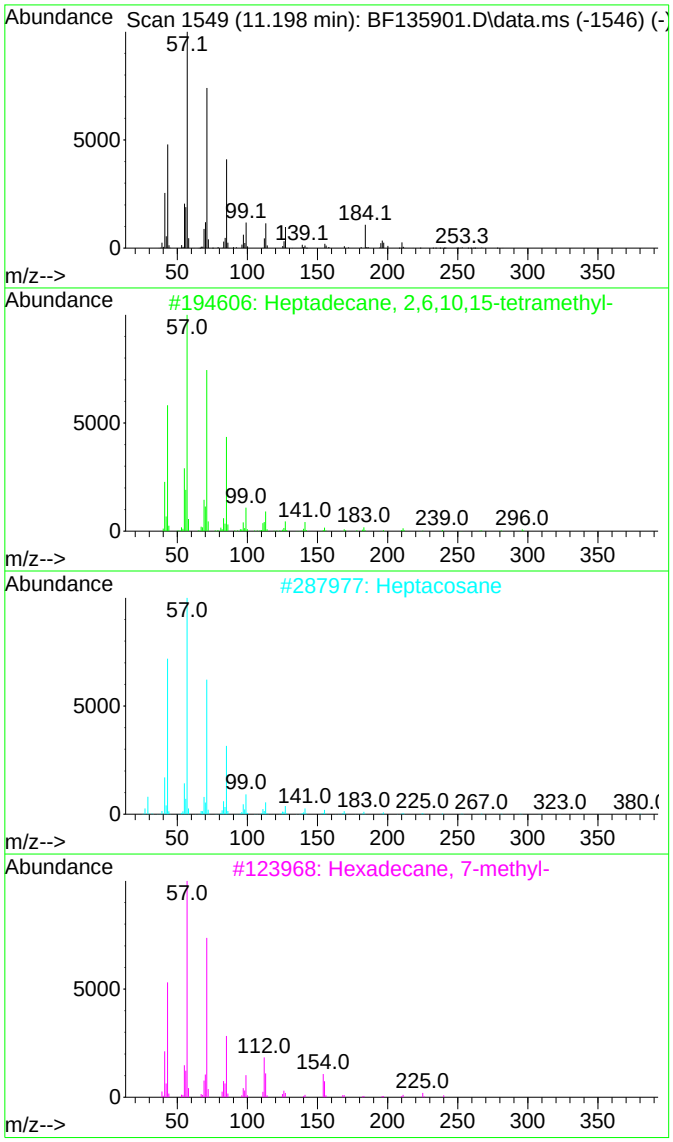
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

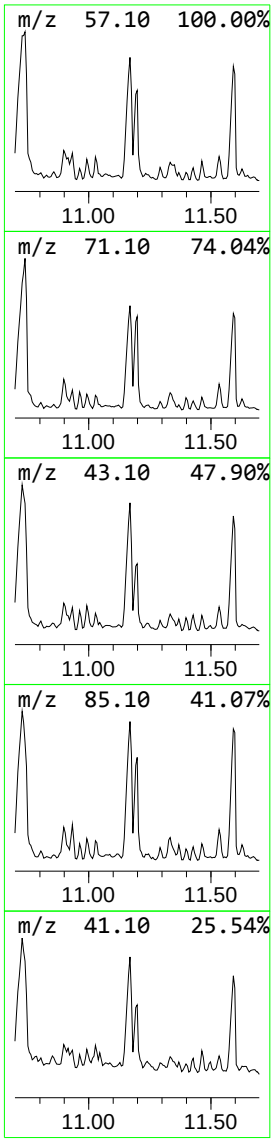
****

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	33.48 ng	3965060	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Heptacosane	380	C27H56	000593-49-7	80
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	80
4	Tridecane	184	C13H28	000629-50-5	78
5	Hexacosane	366	C26H54	000630-01-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

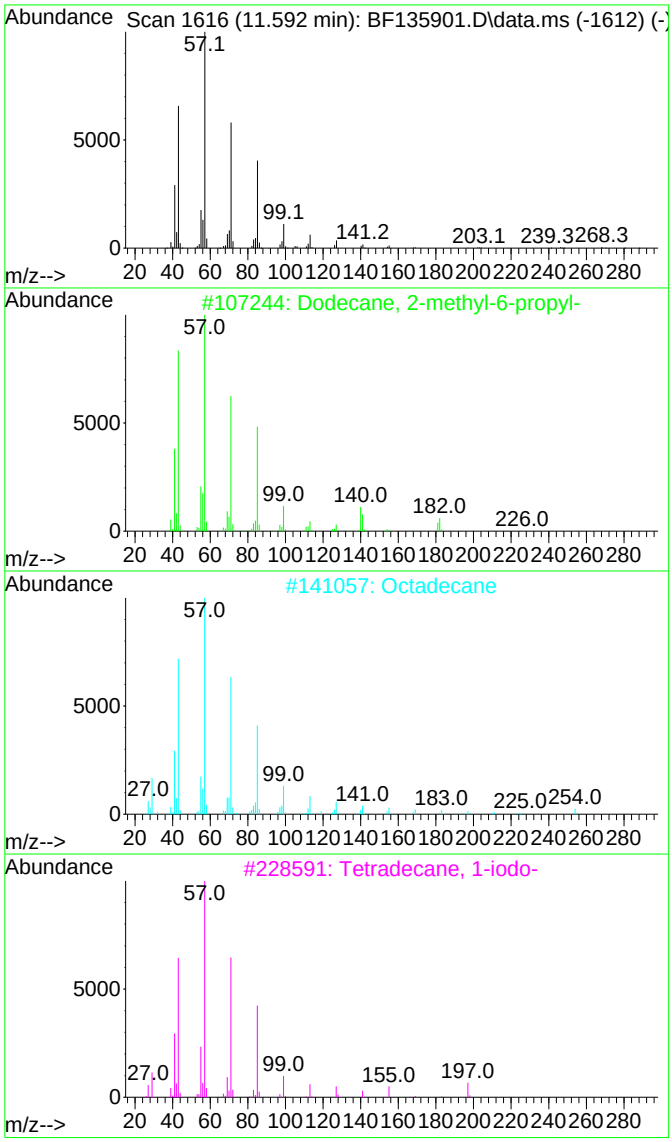
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

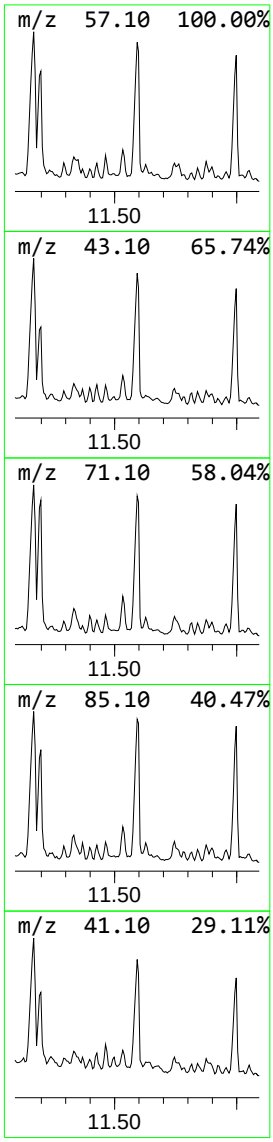
****

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.592	39.04 ng	4623720	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

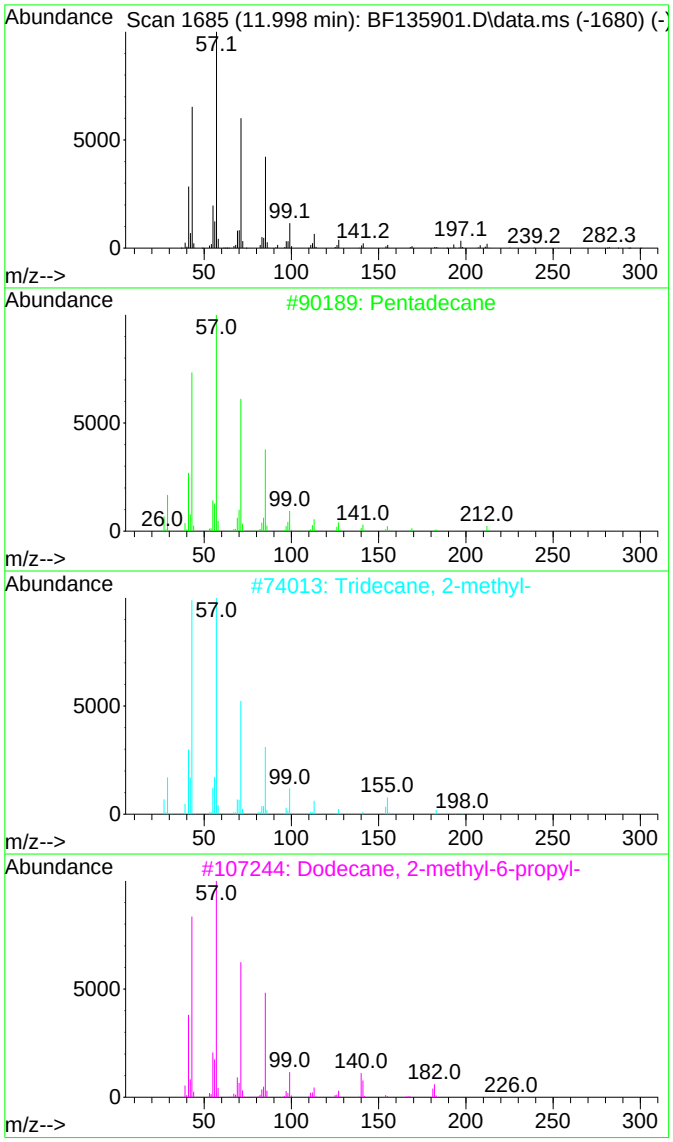
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

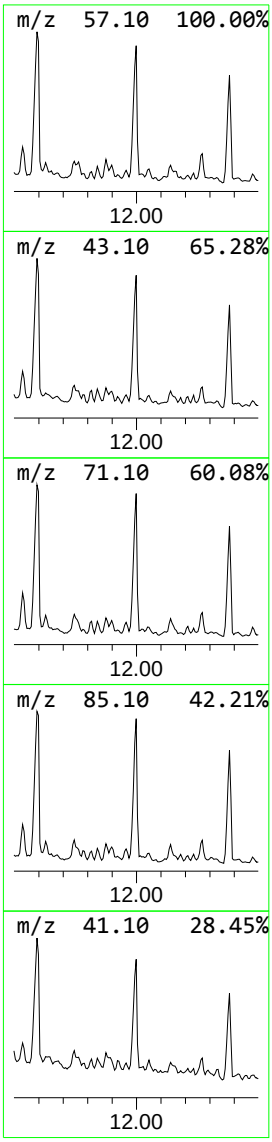
****

Peak Number 18 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	34.30 ng	4063220	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

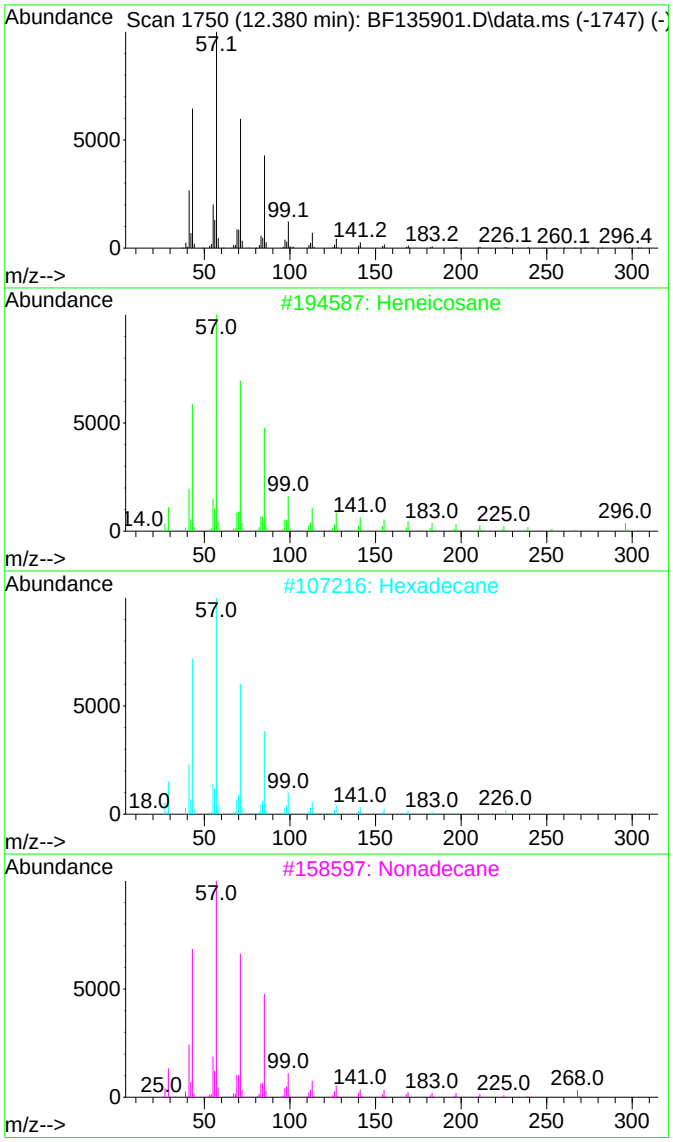
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

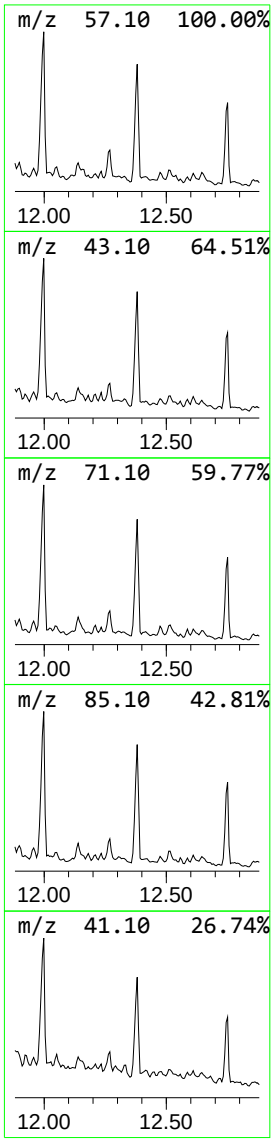
****

Peak Number 19 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	27.34 ng	3238880	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane	226	C16H34	000544-76-3	96
3	Nonadecane	268	C19H40	000629-92-5	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

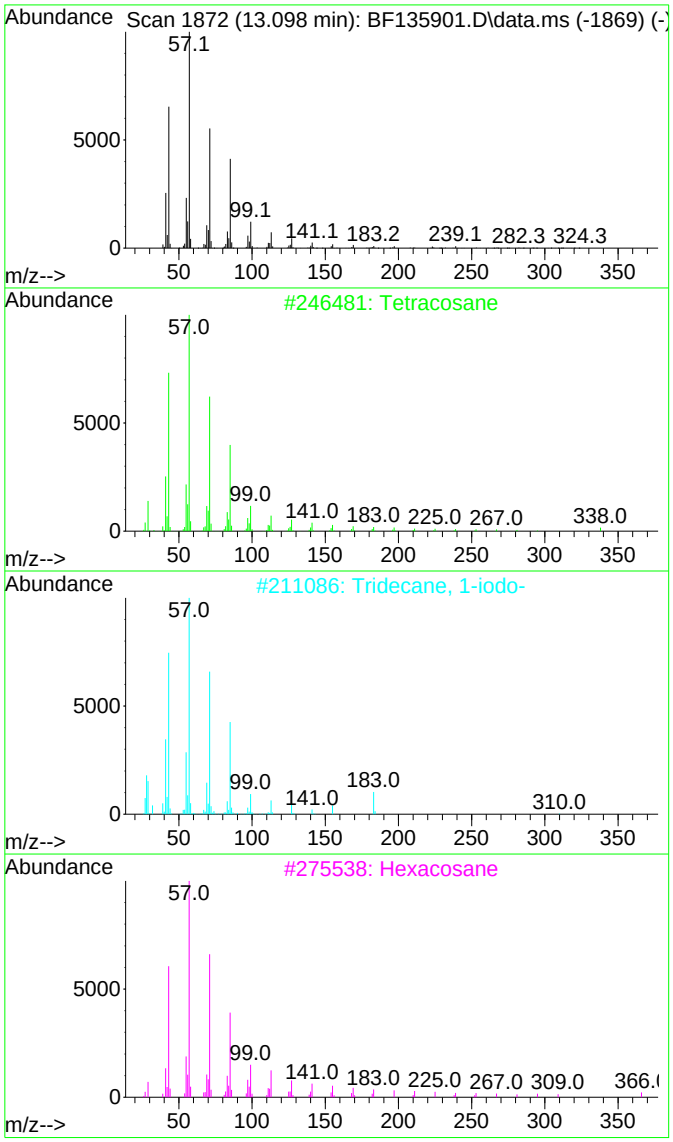
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

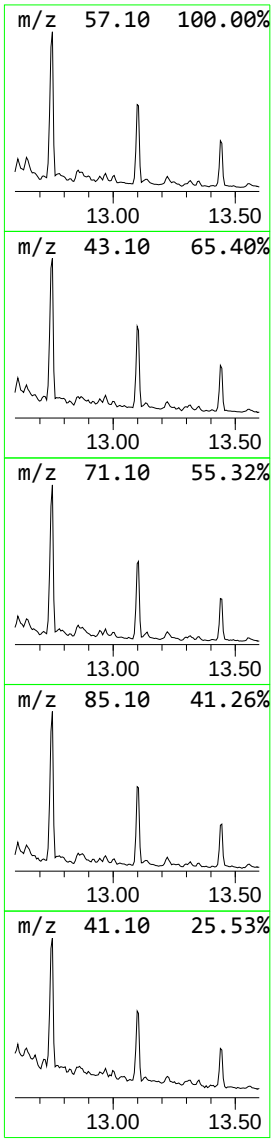
****

Peak Number 20 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	20.00 ng	1155950	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135901.D
Acq On : 19 Oct 2023 22:54
Operator : CG\JU
Sample : 04685-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-7.5-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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
Octane, 4-ethyl-	6.575	53.3	ng	5695530	1	6.740	2138860	20.0
unknown7.010	7.010	21.0	ng	2245450	1	6.740	2138860	20.0
Benzene, 1,3-di...	7.057	20.1	ng	2150630	1	6.740	2138860	20.0
Benzene, 1-meth...	7.128	28.1	ng	3004290	1	6.740	2138860	20.0
Naphthalene, 1,...	9.398	30.5	ng	4754690	3	9.798	3114210	20.0
Naphthalene, 1,...	9.475	47.2	ng	7347160	3	9.798	3114210	20.0
Tridecane	9.528	19.3	ng	3001650	3	9.798	3114210	20.0
Naphthalene, 2,...	9.581	18.3	ng	2851310	3	9.798	3114210	20.0
Naphthalene, 2-...	9.910	18.6	ng	2897230	3	9.798	3114210	20.0
Naphthalene, 1,...	10.057	23.4	ng	3641690	3	9.798	3114210	20.0
Hexadecane	10.251	45.4	ng	7075310	3	9.798	3114210	20.0
Pentadecane, 2,...	10.457	35.8	ng	5572440	3	9.798	3114210	20.0
Tetradecane, 1-...	10.728	94.2	ng	11153700	4	11.298	2368930	20.0
unknown11.045	11.045	22.4	ng	2646790	4	11.298	2368930	20.0
Octadecane	11.169	52.4	ng	6209000	4	11.298	2368930	20.0
Heptadecane, 2,...	11.198	33.5	ng	3965060	4	11.298	2368930	20.0
Dodecane, 2-met...	11.592	39.0	ng	4623720	4	11.298	2368930	20.0
Pentadecane	11.998	34.3	ng	4063220	4	11.298	2368930	20.0
Heneicosane	12.380	27.3	ng	3238880	4	11.298	2368930	20.0
Tetracosane	13.098	20.0	ng	1155950	5	13.939	1155950	20.0