LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F05308-SOLID

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-BF101524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139826.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.910	304	309	316	rVB	17822	28855	1.49%	0.123%
2	5.063	499	505	511	rBV	86646	131400	6.76%	0.558%
3	5.263	533	539	546	rBV	17425	29024	1.49%	0.123%
4	5.469	559	574	583	rBV	1302145	1756838	90.43%	7.461%
5	5.616	595	599	604	rBV2	19499	32247	1.66%	0.137%
6	5.704	610	614	620	rBV4	24706	46684	2.40%	0.198%
7	5.769	620	625	630	rVB3	22065	40827	2.10%	0.173%
8	5.863	635	641	646	rBV3	82097	148490	7.64%	0.631%
9	5.916	646	650	654	rBV2	34459	58933	3.03%	0.250%
10	6.004	661	665	669	rVB2	66462	89890	4.63%	0.382%
11	6.051	669	673	676	rBV	63156	93300	4.80%	0.396%
12	6.098	676	681	687	rVV5	119322	253836	13.07%	1.078%
13	6.151	687	690	693	rVV	57365	63477	3.27%	0.270%
14	6.187	693	696	699	rVV3	41387	60721	3.13%	0.258%
15	6.240	703	705	708	rVB2	39451	39333	2.02%	0.167%
16	6.287	708	713	716	rBV2	95268	147751	7.61%	0.627%
17	6.322	716	719	725	rVB6	40314	70915	3.65%	0.301%
18	6.381	725	729	738	rBV3	167942	396525	20.41%	1.684%
19	6.487	738	747	751	rBV	1288160	1942699	100.00%	8.250%
20	6.522	751	753	756	rVB3	98477	96880	4.99%	0.411%
21	6.598	761	766	769	rBV4	109231	199151	10.25%	0.846%
22	6.628	769	771	776	rVB5	128983	163127	8.40%	0.693%
23	6.681	776	780	782	rBV2	112389	161633	8.32%	0.686%
24	6.704	782	784	788	rVB2	102593	114771	5.91%	0.487%
25	6.769	788	795	798	rBV7	76979	171262	8.82%	0.727%
26	6.816	799	803	805	rBV4	71763	98746	5.08%	0.419%
27	6.851	805	809	814	rVB2	482681	645120	33.21%	2.740%
28	6.910	815	819	821	rBV2	109793	141876	7.30%	0.603%
29	6.940	821	824	825	rBV2	55310	50566	2.60%	0.215%
30	6.993	830	833	836	rVV2	156960	225479	11.61%	0.958%
31	7.028	836	839	843	rVV2	93877	121980	6.28%	0.518%
32	7.075	844	847	850	rVV3	53239	69659	3.59%	0.296%
33	7.122	850	855	859	rVB5	129505	216658	11.15%	0.920%
34	7.163	859	862	865	rBV4	43165	64317	3.31%	0.273%
35	7.245	872	876	878	rBV2	115651	147440	7.59%	0.626%
36	7.328	887	890	893	rBV3	33986	42019	2.16%	0.178%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

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-BF101524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.381	893	899	901	rVV4	133351	264287	13.60%	1.122%
38	7.416	901	905	909	rVV	847842	1148423	59.11%	4.877%
39	7.487	913	917	922	rVB4	148441	244813	12.60%	1.040%
40	7.540	922	926	930	rBV3	56632	104241	5.37%	0.443%
41	7.628	938	941	943	rBV3	58557	74859	3.85%	0.318%
42	7.657	943	946	953	rVB4	163692	249992	12.87%	1.062%
43	7.728	953	958	962	rBV6	89255	158616	8.16%	0.674%
44	7.769	962	965	973	rVB7	103252	142597	7.34%	0.606%
45	7.881	980	984	991	rVB7	36947	79574	4.10%	0.338%
46	7.951	992	996	1001	rBV4	51190	85768	4.41%	0.364%
47	8.004	1001	1005	1008	rBV3	58199	85689	4.41%	0.364%
48	8.081	1015	1018	1020	rBV2	33516	46872	2.41%	0.199%
49	8.134	1021	1027	1032	rVV	579179	856748	44.10%	3.638%
50	8.187	1033	1036	1039	rVV	117733	142510	7.34%	0.605%
51	8.216	1039	1041	1049	rVB6	57477	94526	4.87%	0.401%
52	8.281	1049	1052	1054	rBV3	29778	39061	2.01%	0.166%
53	8.416	1073	1075	1081	rVB6	68709	101131	5.21%	0.429%
54	8.475	1082	1085	1088	rBV3	47051	51422	2.65%	0.218%
55	8.516	1089	1092	1094	rVB3	36529	38490	1.98%	0.163%
56	8.551	1094	1098	1103	rBV	243362	425094	21.88%	1.805%
57	8.634	1109	1112	1115	rBV2	44826	58468	3.01%	0.248%
58	8.669	1115	1118	1123	rVV5	54035	90351	4.65%	0.384%
59	8.910	1156	1159	1167	rBV7	49303	118510	6.10%	0.503%
60	9.010	1173	1176	1178	rBV4	48144	66046	3.40%	0.280%
61	9.151	1196	1200	1204	rVB	217983	274351	14.12%	1.165%
62	9.204	1204	1209	1214	rVB	1334920	1723365	88.71%	7.319%
63	9.286	1219	1223	1227	rBV3	124796	196170	10.10%	0.833%
64	9.475	1251	1255	1259	rVB	91424	117037	6.02%	0.497%
65	9.545	1264	1267	1271	rVV	97361	137900	7.10%	0.586%
66	9.598	1271	1276	1281	rVB2	306098	471227	24.26%	2.001%
67	9.745	1298	1301	1305	rBV4	98682	136689	7.04%	0.580%
68	9.792	1306	1309	1313	rVB	136012	167194	8.61%	0.710%
69	9.886	1320	1325	1329	rVB	526479	661263	34.04%	2.808%
70	9.992	1339	1343	1347	rVB2	84684	118871	6.12%	0.505%
71	10.081	1355	1358	1363	rVB3	86714	124988	6.43%	0.531%
72	10.128	1363	1366	1375	rVB4	103878	216560	11.15%	0.920%
73	10.204	1375	1379	1381	rBV	92988	134487	6.92%	0.571%
74	10.286	1390	1393	1400	rVB4	78934	146988	7.57%	0.624%
75	10.598	1441	1446	1450	rVB	318381	412832	21.25%	1.753%
76	10.675	1454	1459	1464	rVV	702194	878426	45.22%	3.730%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

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-BF101524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.792	1476	1479	1486	rVB	141397	207027	10.66%	0.879%
78	10.869	1489	1492	1495	rVV2	49810	69143	3.56%	0.294%
79	10.904	1495	1498	1502	rVV	71715	105285	5.42%	0.447%
80	10.975	1506	1510	1513	rVV2	121789	180583	9.30%	0.767%
81	11.010	1513	1516	1527	rVB5	77999	182655	9.40%	0.776%
82	11.263	1555	1559	1566	rVB4	85645	144540	7.44%	0.614%
83	11.369	1573	1577	1585	rBV	454654	636638	32.77%	2.704%
84	11.480	1592	1596	1602	rBV4	45834	90143	4.64%	0.383%
85	11.786	1645	1648	1651	rBV	22932	28753	1.48%	0.122%
86	11.892	1660	1666	1671	rBV3	125084	218410	11.24%	0.928%
87	12.345	1741	1743	1751	rVB2	35415	60942	3.14%	0.259%
88	12.422	1752	1756	1759	rBV	66071	86159	4.44%	0.366%
89	12.586	1780	1784	1788	rBV	91101	114839	5.91%	0.488%
90	12.816	1818	1823	1829	rBV2	102146	183781	9.46%	0.780%
91	12.869	1829	1832	1836	rVB	46806	57767	2.97%	0.245%
92	12.951	1842	1846	1854	rVB	791936	1058200	54.47%	4.494%
93	14.010	2019	2026	2037	rBV2	396411	693907	35.72%	2.947%
94	15.415	2262	2265	2270	rVB	48423	72427	3.73%	0.308%
95	15.474	2270	2275	2288	rVB	311211	507209	26.11%	2.154%

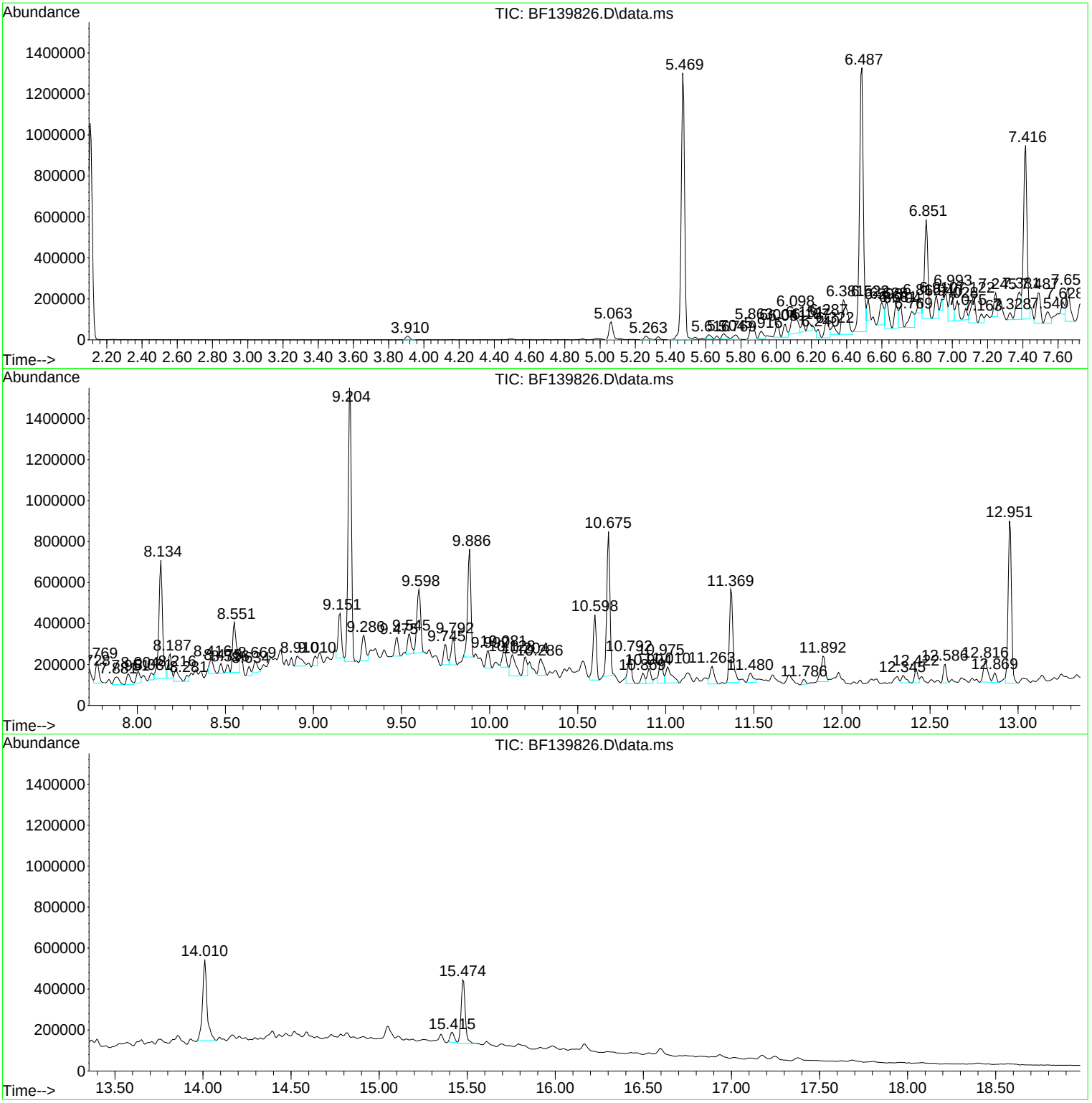
Sum of corrected areas: 23547273

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

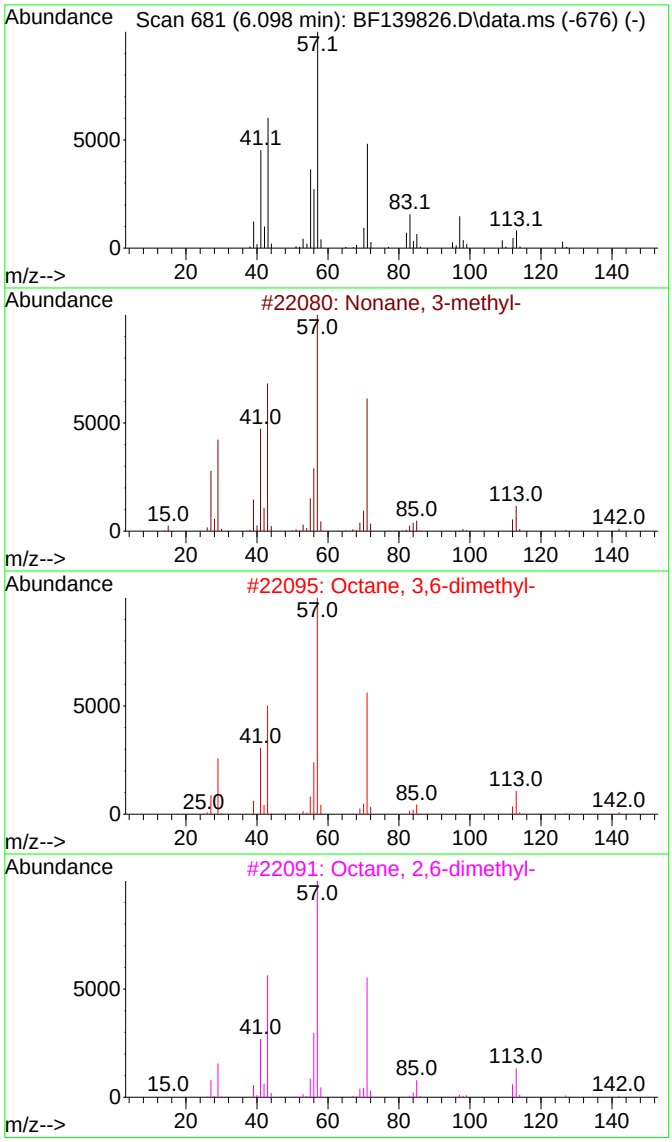
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

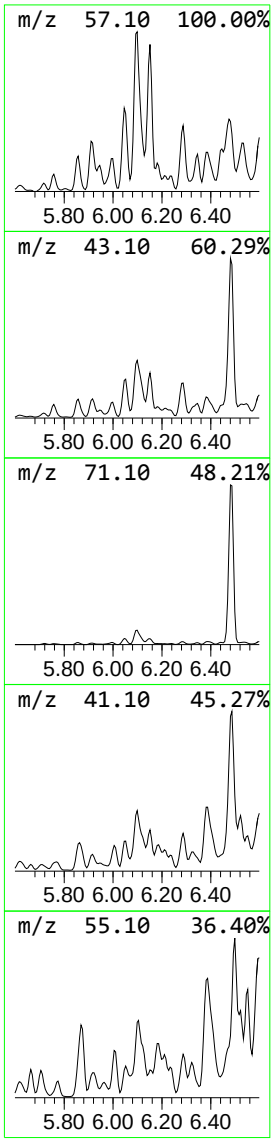
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.098	7.87 ng	253836	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

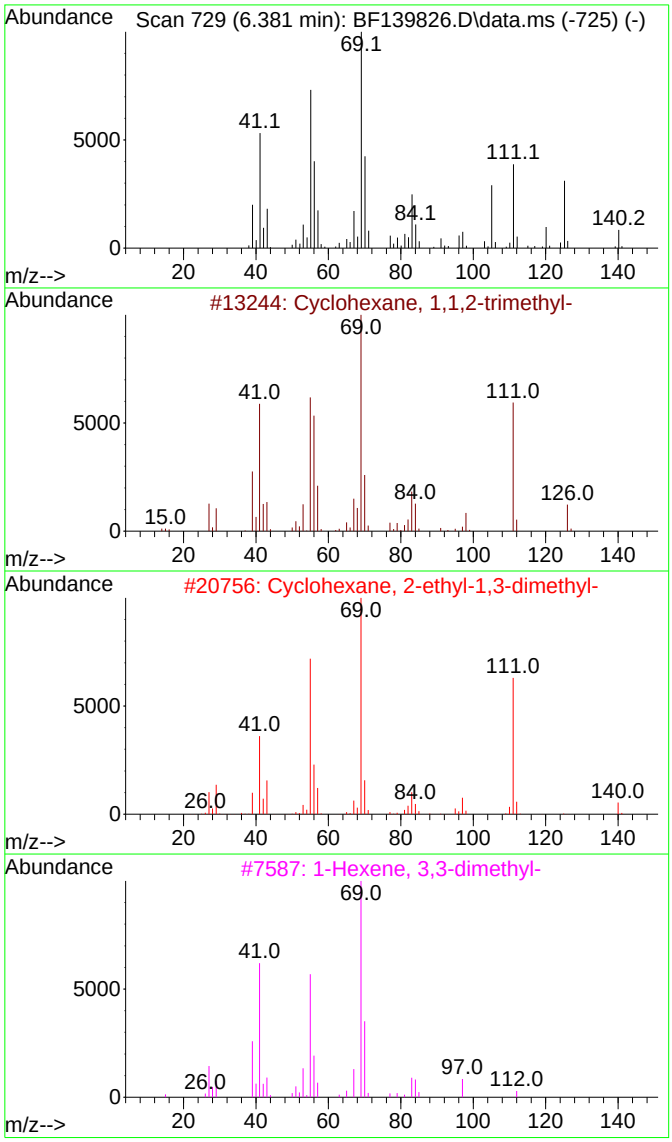
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

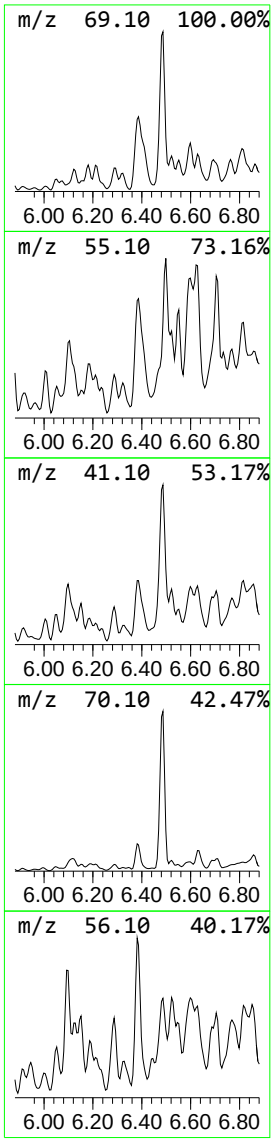
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.381	12.29 ng	396525	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
2	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	47
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
4	3-Methyl-2-hexene	98	C7H14	017618-77-8	43
5	3-Octene, (E)-	112	C8H16	014919-01-8	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

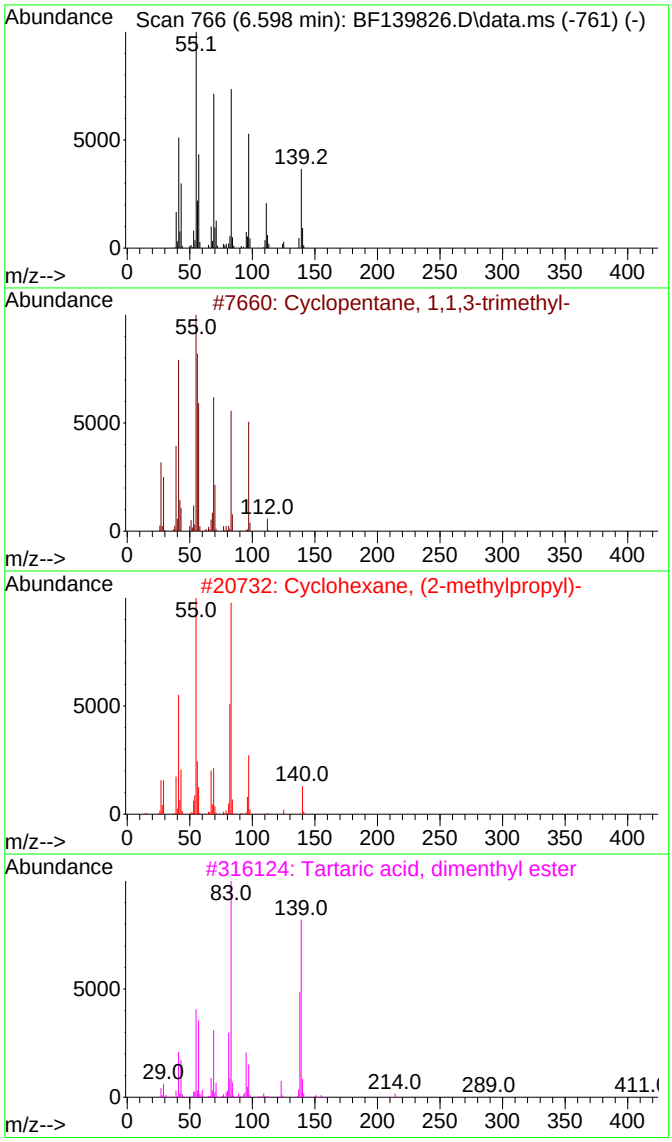
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

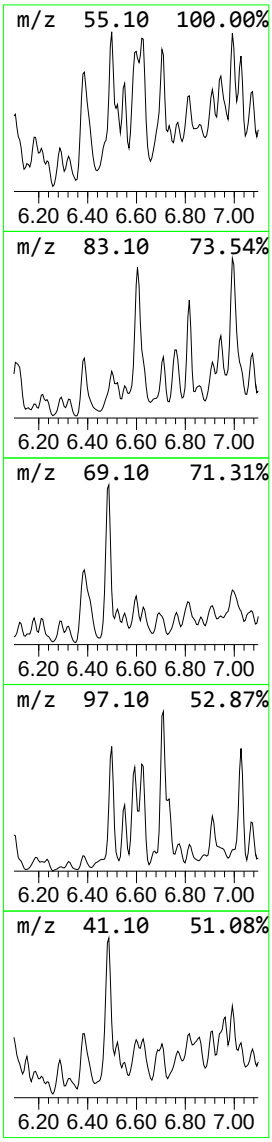
****

Peak Number 3 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.598	6.17 ng	199151	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	64
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
3	Tartaric acid, dimenthyl ester	426	C24H42O6	1000149-89-9	43
4	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	38
5	1-Pentyn-3-ol	84	C5H8O	004187-86-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

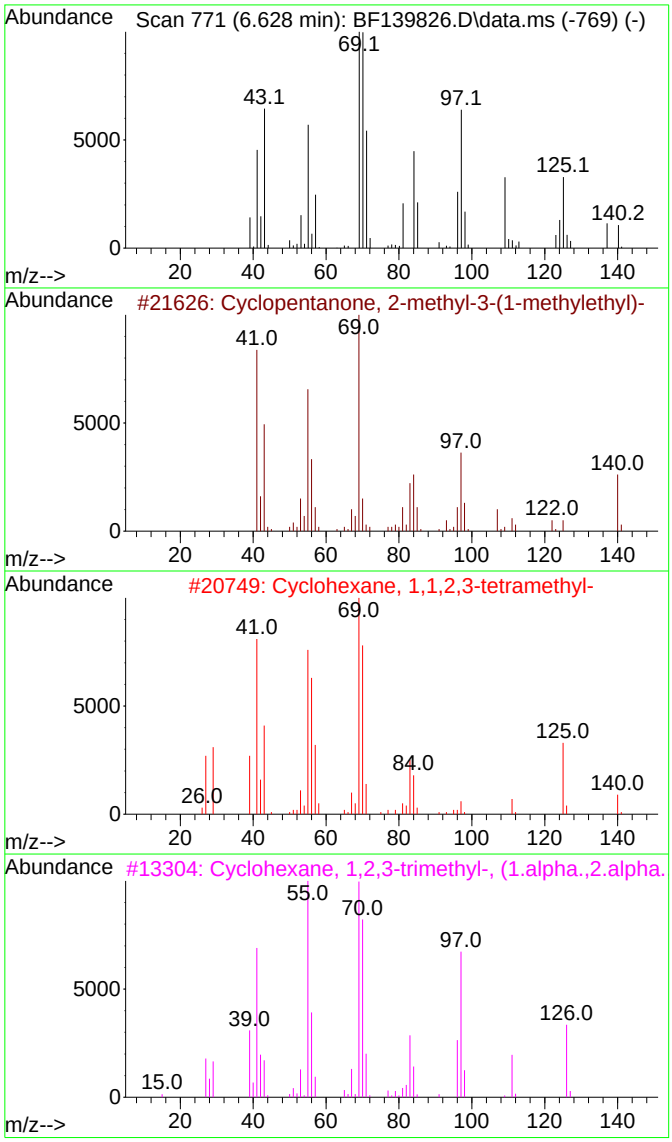
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

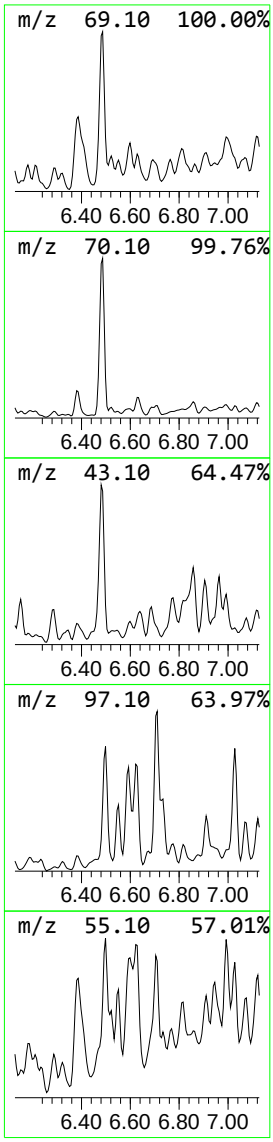
****

Peak Number 4 unknown6.628 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	5.06 ng	163127	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	43
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	40
4	Dichloroacetic acid, 6-ethyl-3-o...	268	C12H22Cl2O2	1000282-56-6	37
5	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

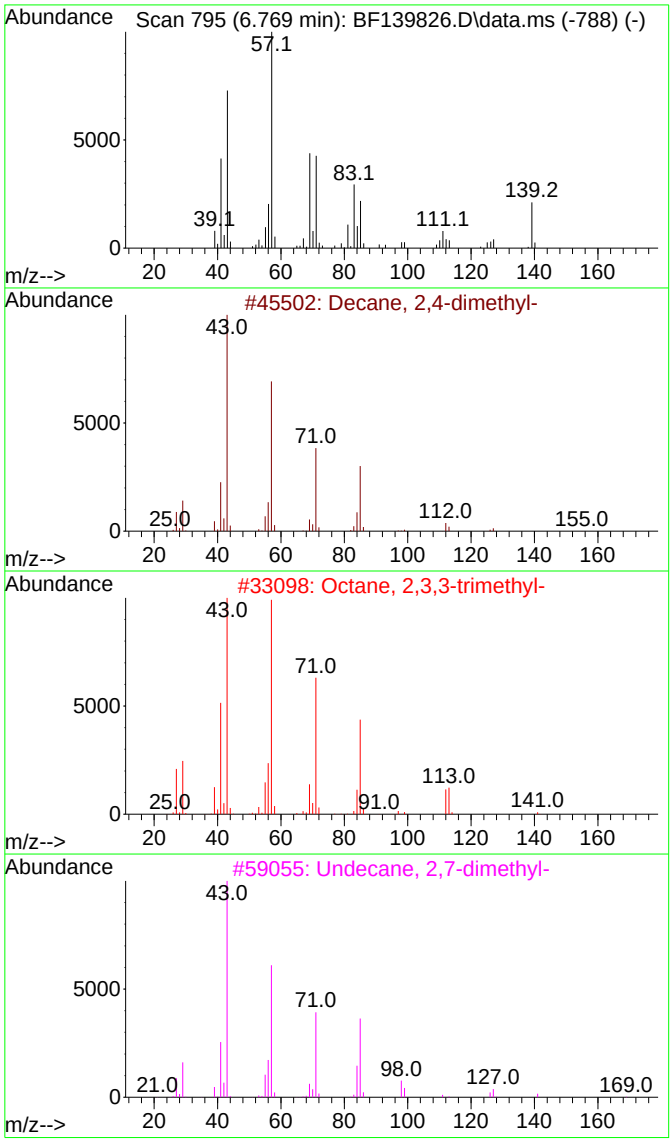
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

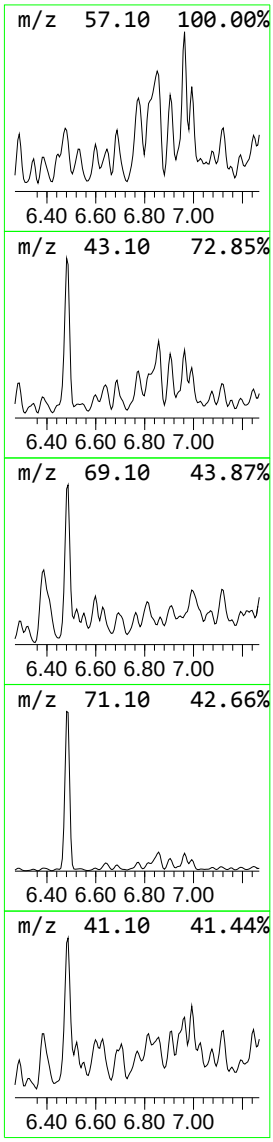
****

Peak Number 5 Decane, 2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.769	5.31 ng	171262	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	52
2	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	47
3	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

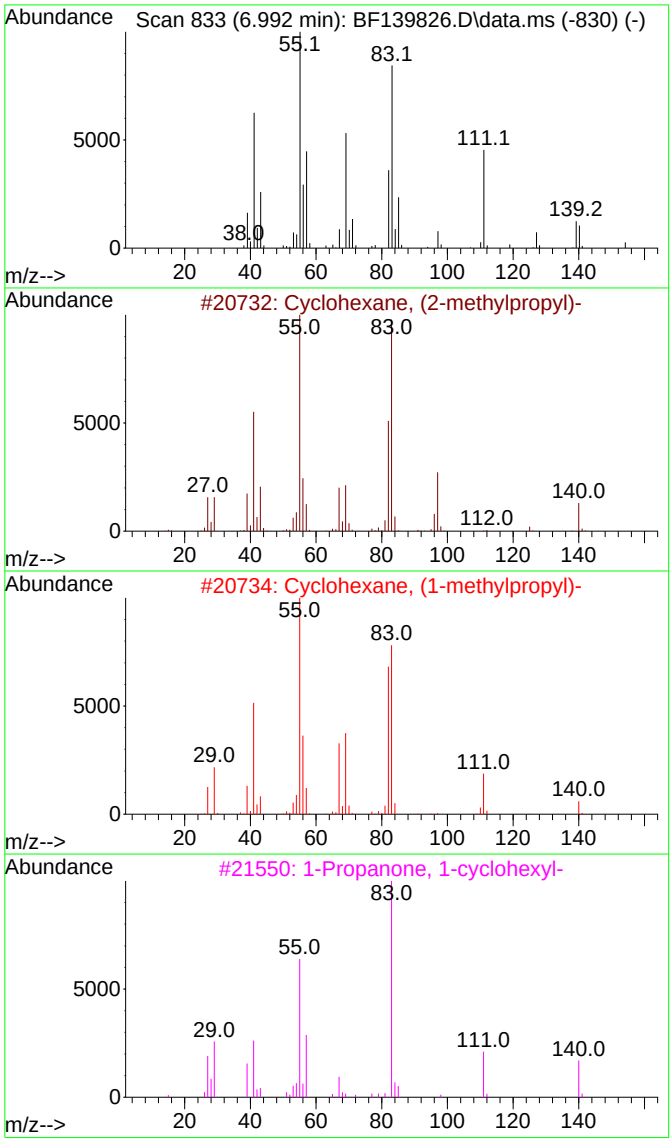
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

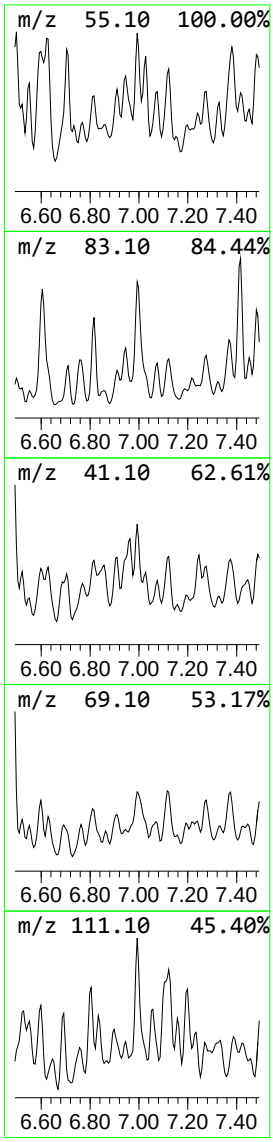
****

Peak Number 6 unknown6.992 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.992	6.99 ng	225479	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	47
3	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	43
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

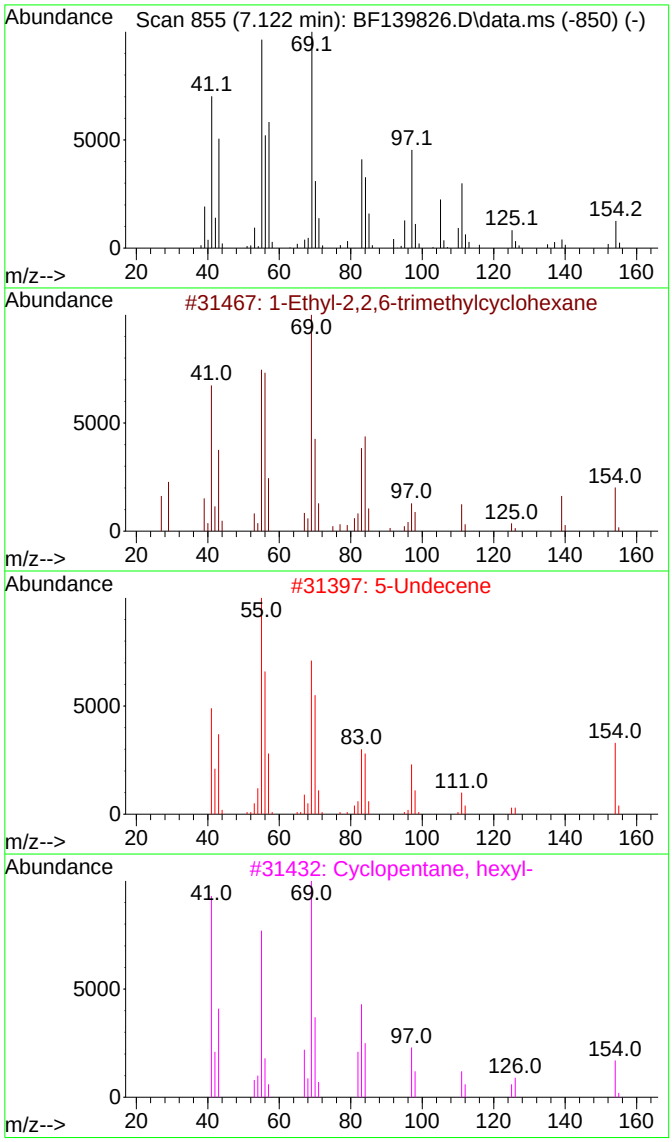
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

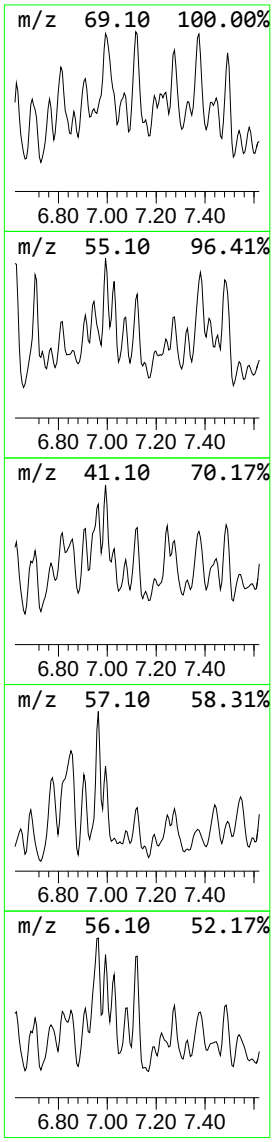
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	6.72 ng	216658	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
2	5-Undecene	154	C11H22	004941-53-1	55
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	49
4	1-Tridecene	182	C13H26	002437-56-1	46
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

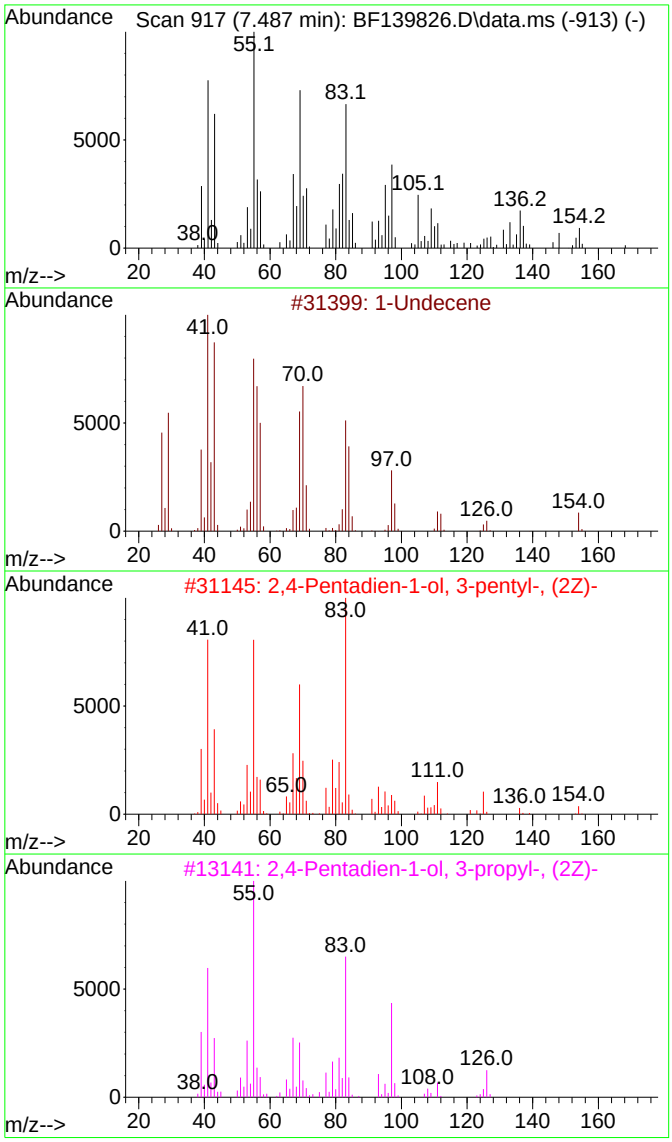
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

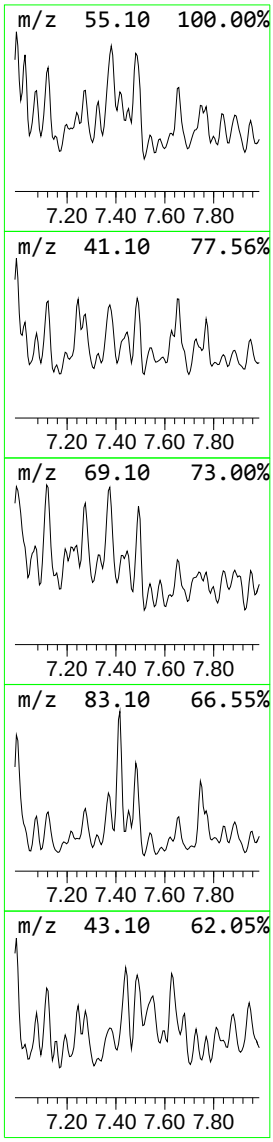
****

Peak Number 8 unknown7.487 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	7.59 ng	244813	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene	154	C11H22	000821-95-4	46
2	2,4-Pentadien-1-ol, 3-pentyl-, (...	154	C10H18O	1010142-19-7	38
3	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	38
4	1-Eicosanol	298	C20H42O	000629-96-9	35
5	6-Octenal, 3,7-dimethyl-, (S)-	154	C10H18O	005949-05-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

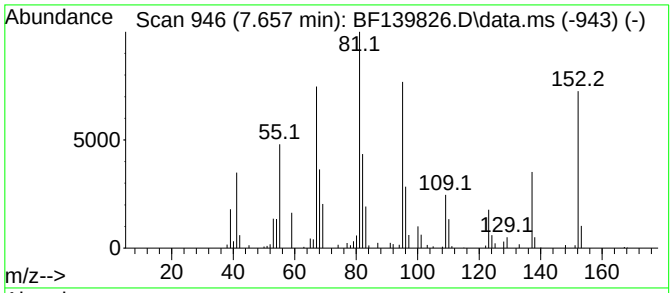
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

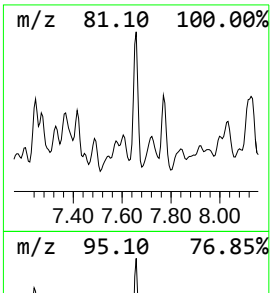
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

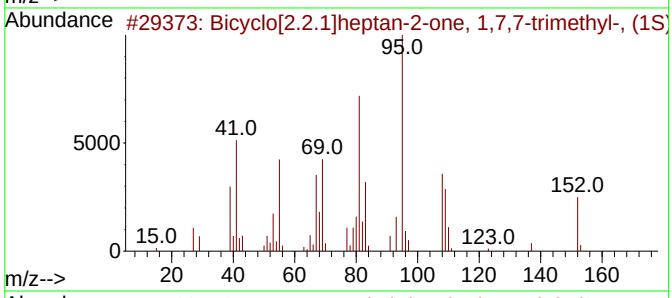
****
Peak Number 9 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 15

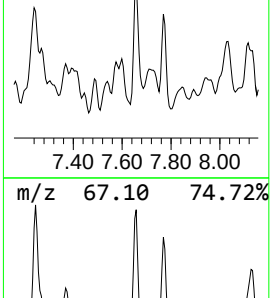
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.657	5.84 ng	249992	Naphthalene-d8	8.134

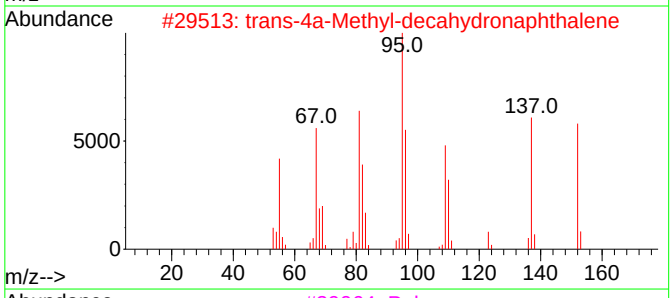
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
3	Pulegone	152	C10H16O	000089-82-7	70
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
5	(+)-Dihydrocarvone	152	C10H16O	005524-05-0	58

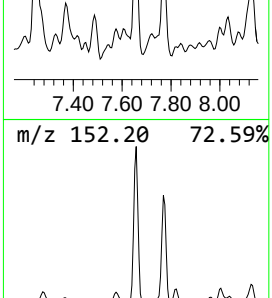


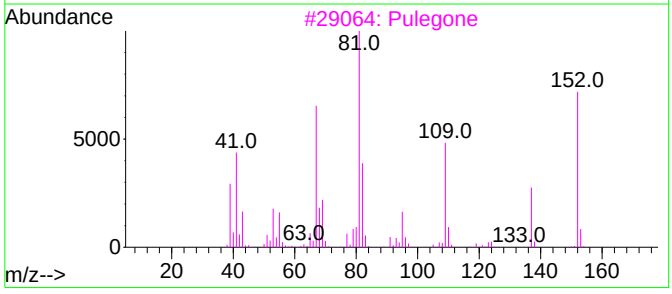


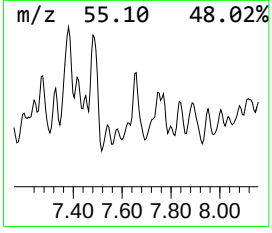












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

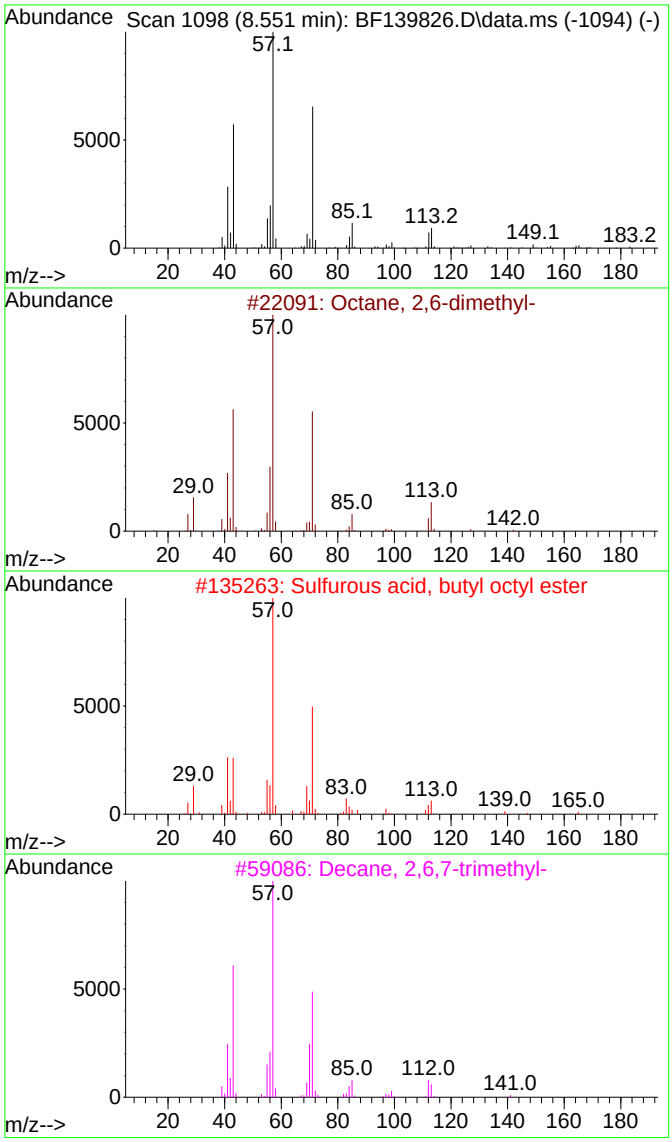
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

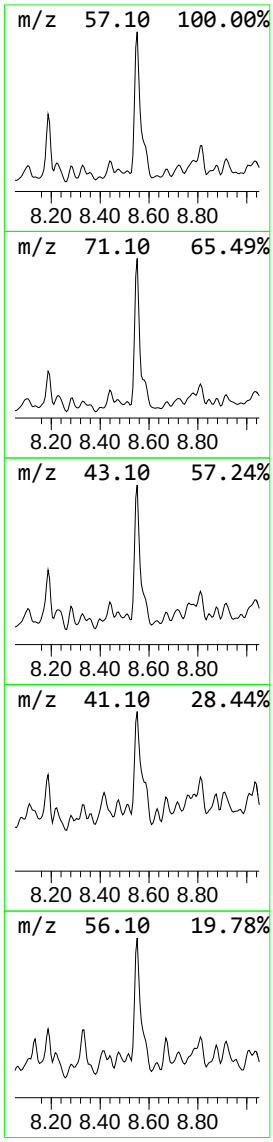
****

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	9.92 ng	425094	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	78
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

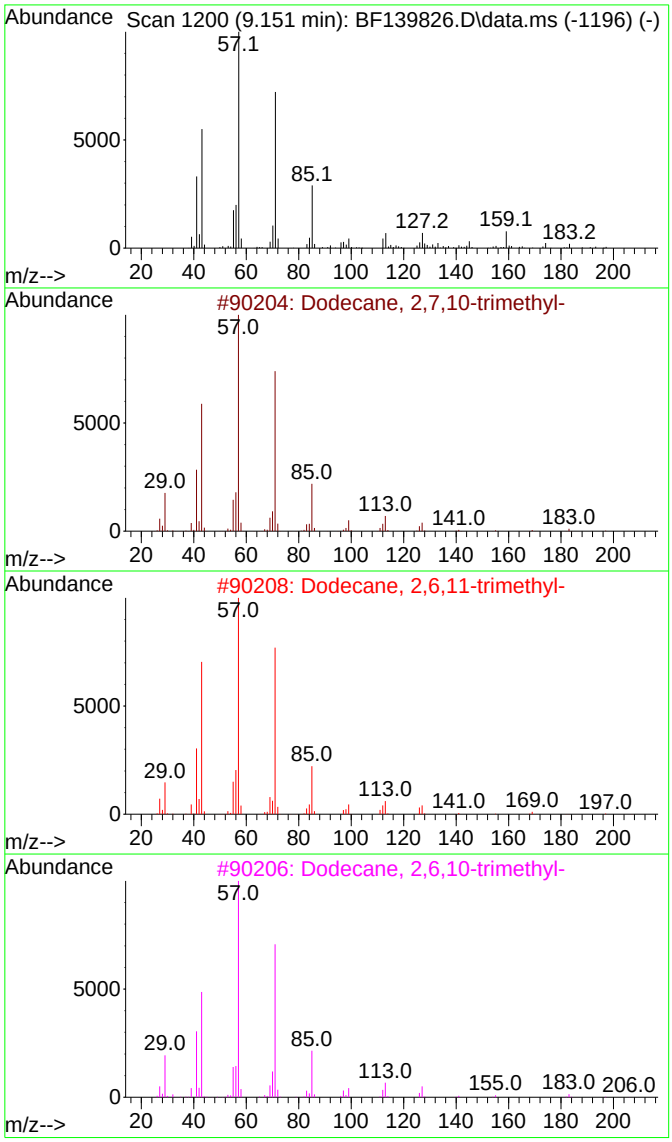
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

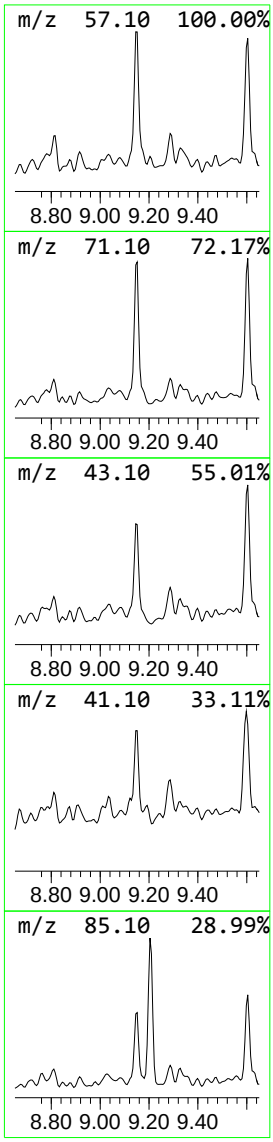
****

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.151	8.30 ng	274351	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

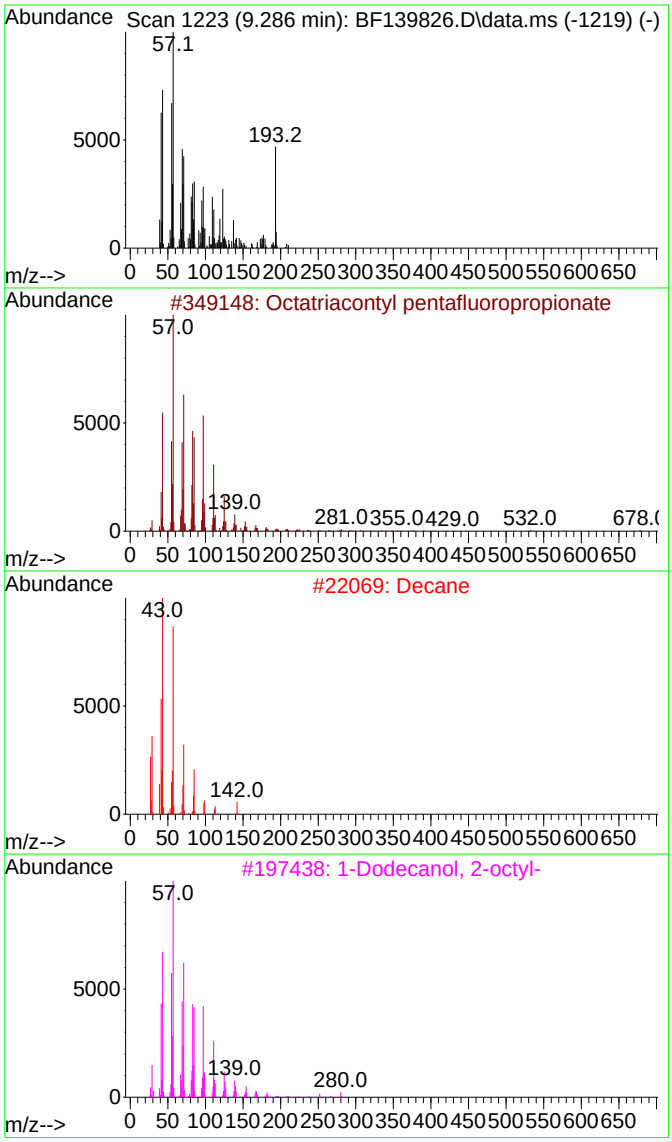
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

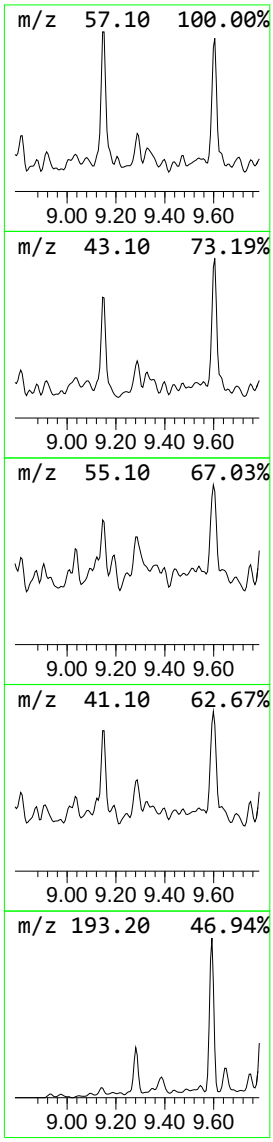
****

Peak Number 12 unknown9.286 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.286	5.93 ng	196170	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	38
2	Decane	142	C10H22	000124-18-5	35
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	30
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	30
5	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

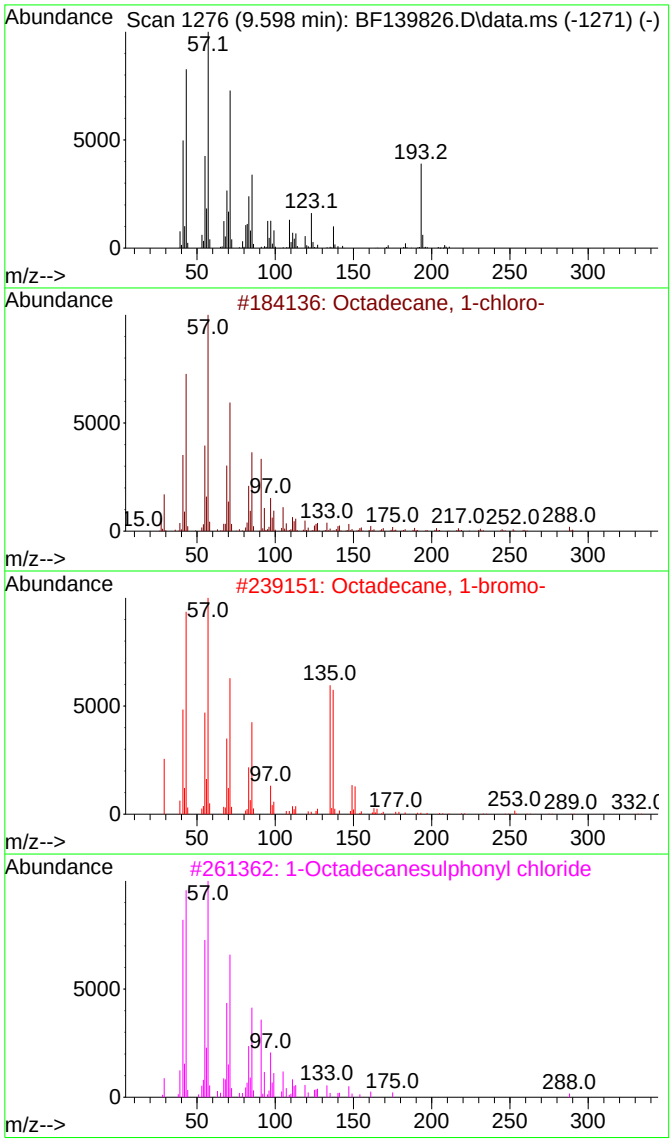
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

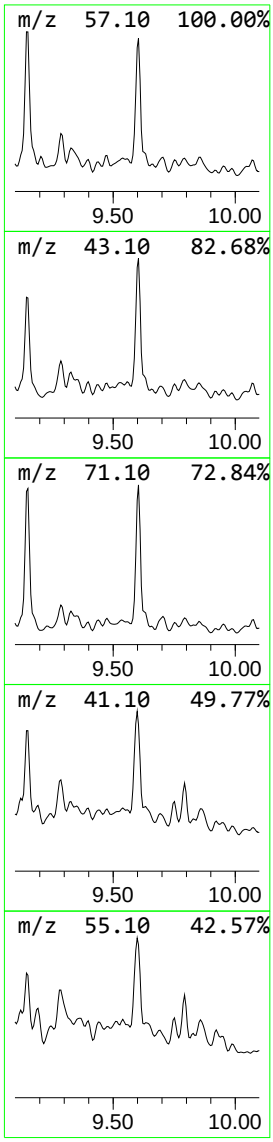
****

Peak Number 13 unknown9.598 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	14.25 ng	471227	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
2	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	43
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
4	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	38
5	Dotriacontane	451	C32H66	000544-85-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

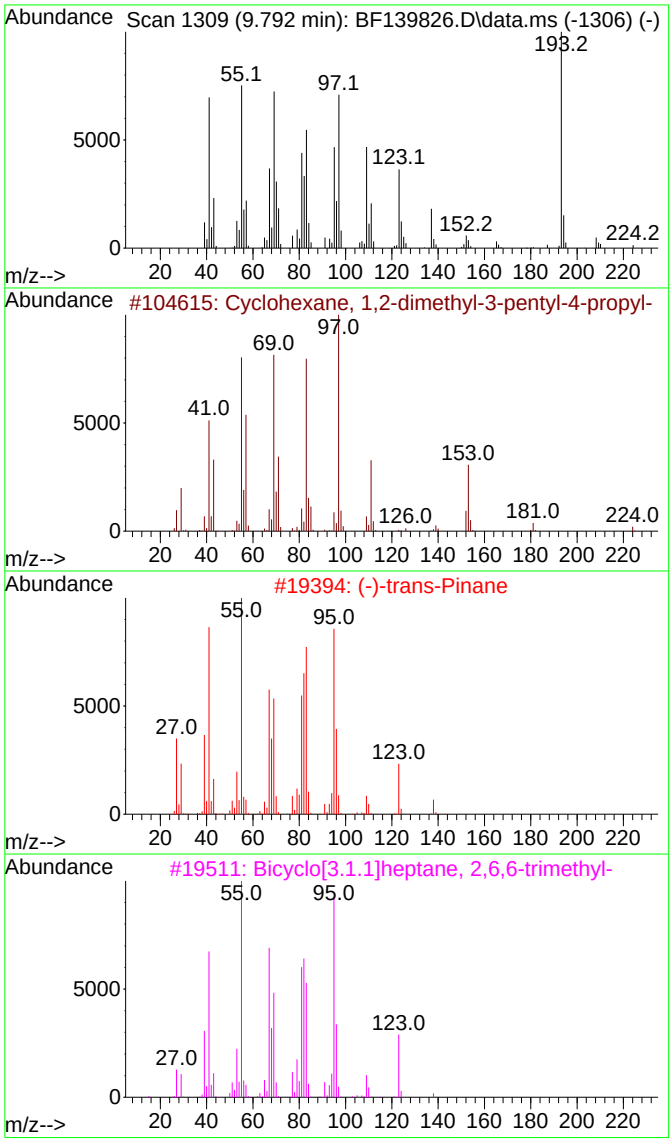
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

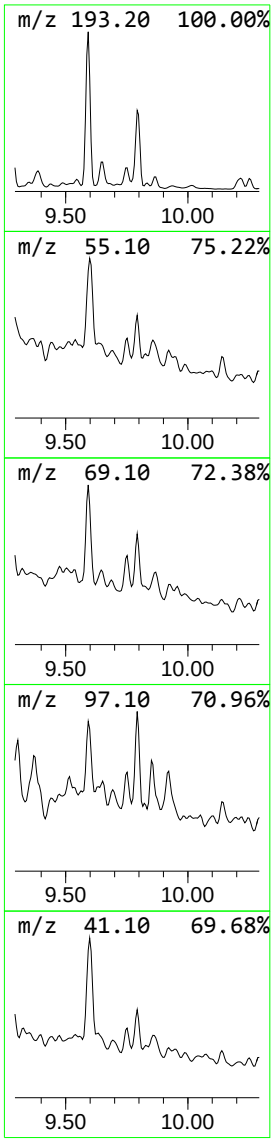
****

Peak Number 14 unknown9.792 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	5.06 ng	167194	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38
2	(-)-trans-Pinane	138	C10H18	033626-25-4	38
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30
4	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

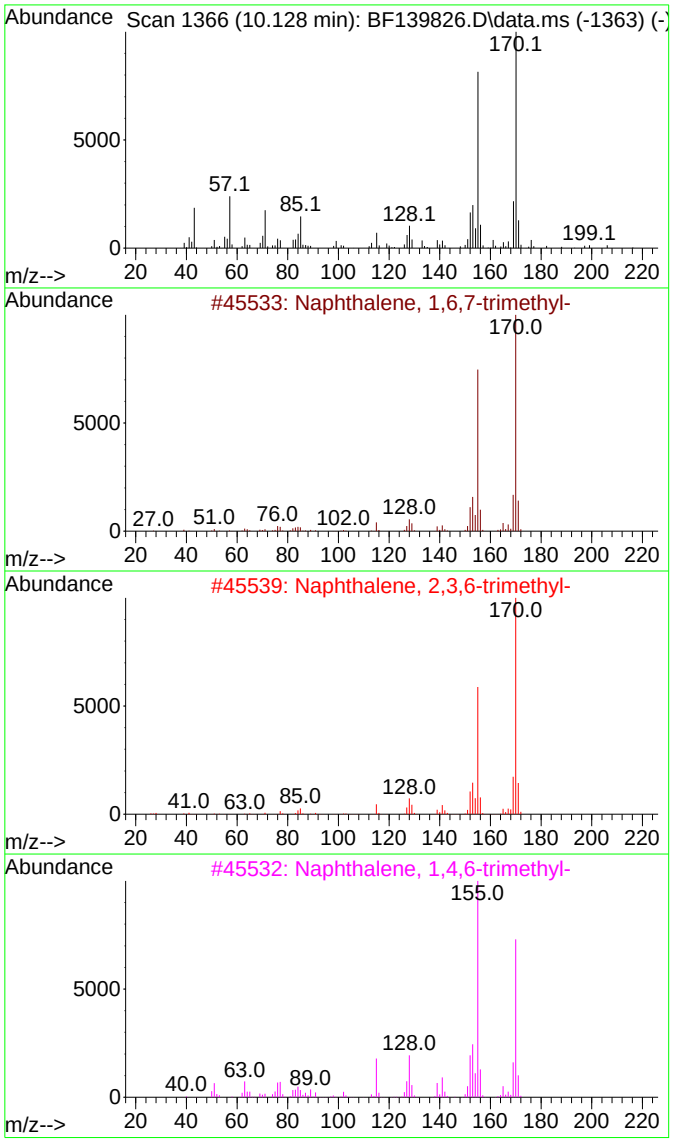
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

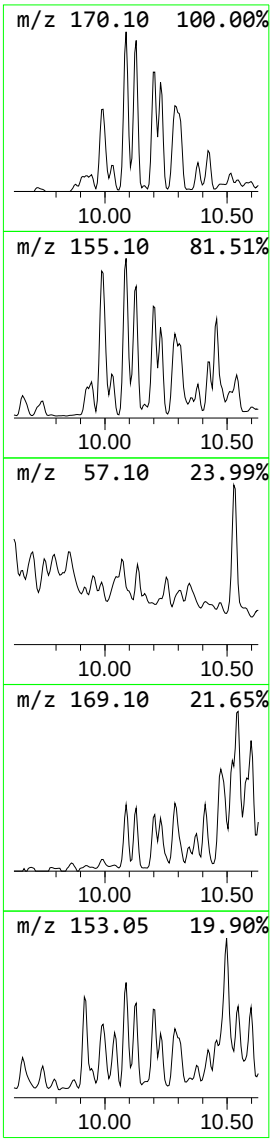
****

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	6.55 ng	216560	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

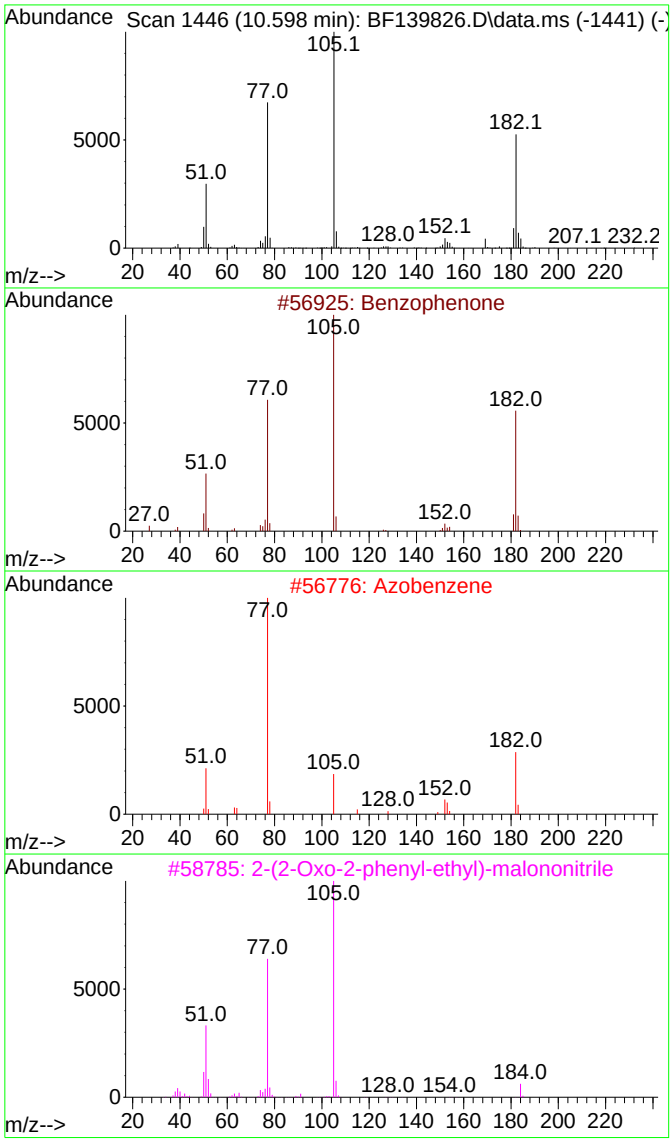
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

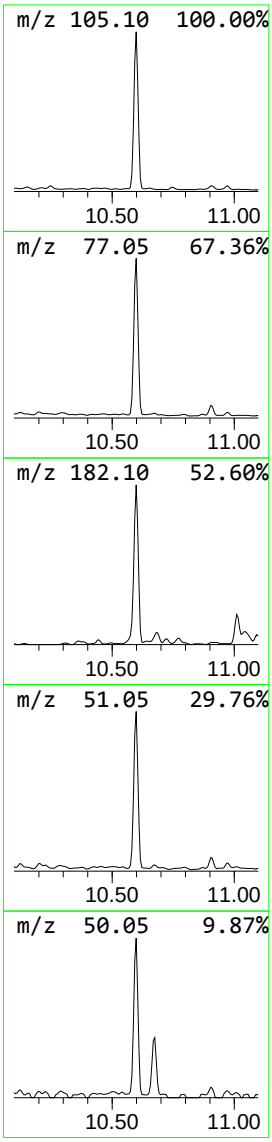
****

Peak Number 16 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	12.49 ng	412832	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	55
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	46
5	Benzoylformic acid	150	C8H6O3	000611-73-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

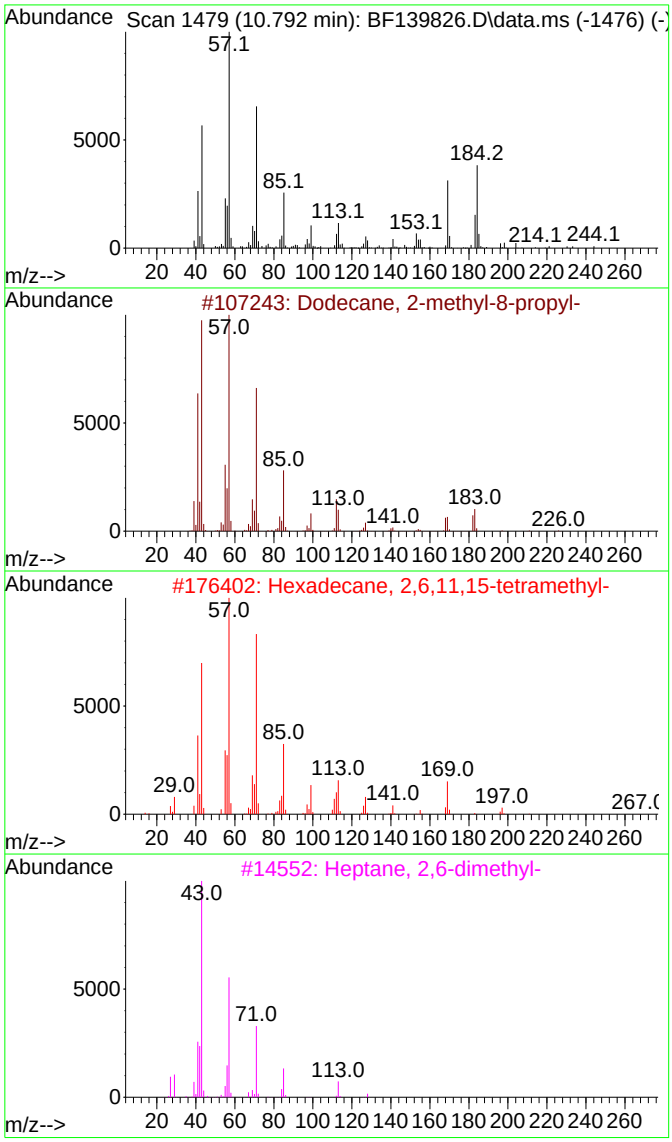
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

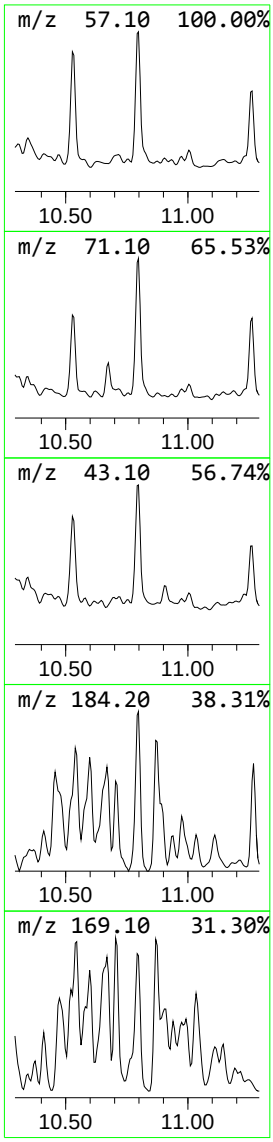
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dodecane, 2-methyl-8-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	6.50 ng	207027	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	53
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	46
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	46
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

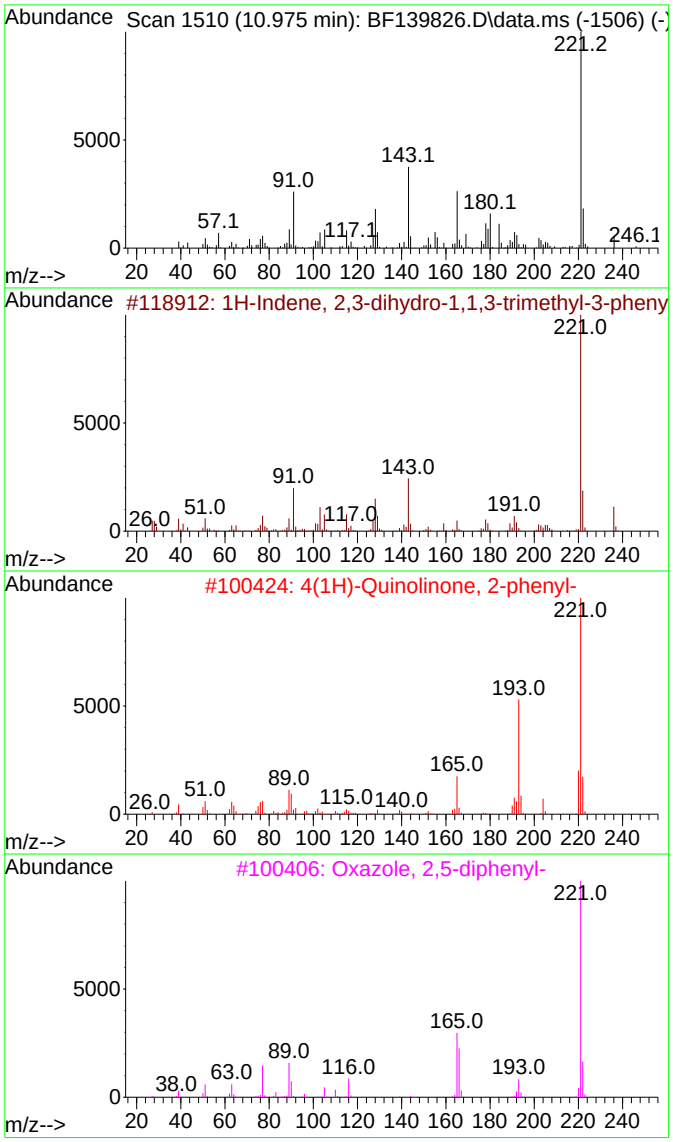
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

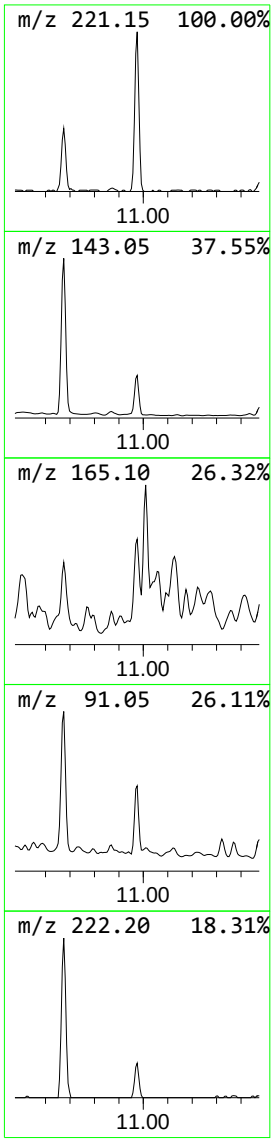
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.975	5.67 ng	180583	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	89
2	4(1H)-Quinolinone, 2-phenyl-	221	C15H11NO	014802-18-7	53
3	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	52
4	1H-Quinolin-2-one, 3-phenyl-	221	C15H11NO	038035-81-3	49
5	4-Quinolinol, 2-phenyl-	221	C15H11NO	001144-20-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

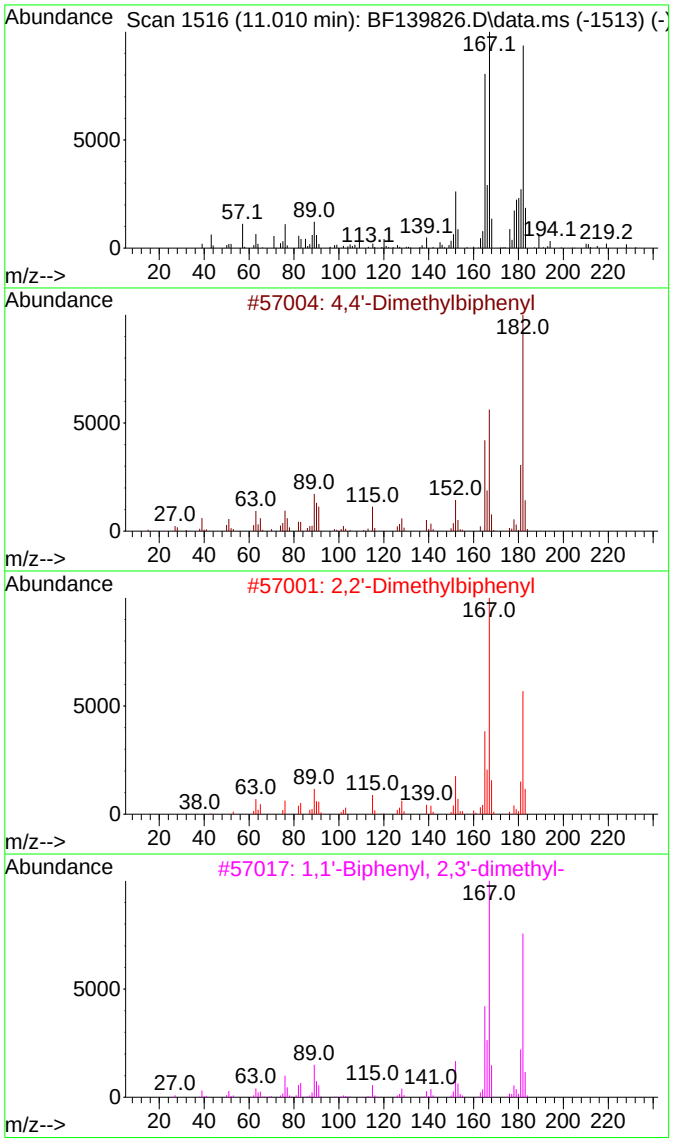
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

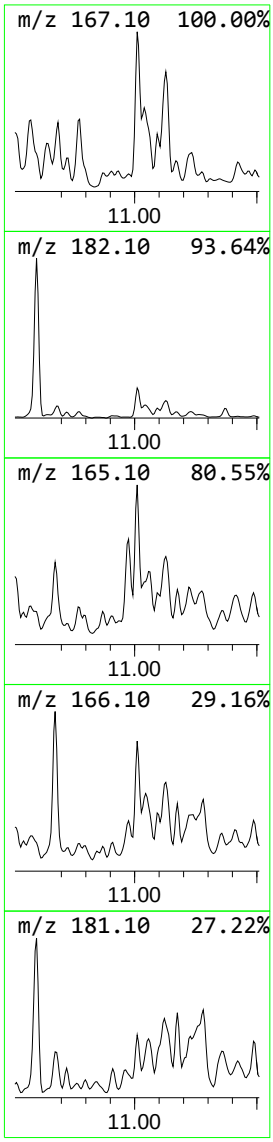
****

Peak Number 19 4,4'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	5.74 ng	182655	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	83
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	76
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	72
5	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

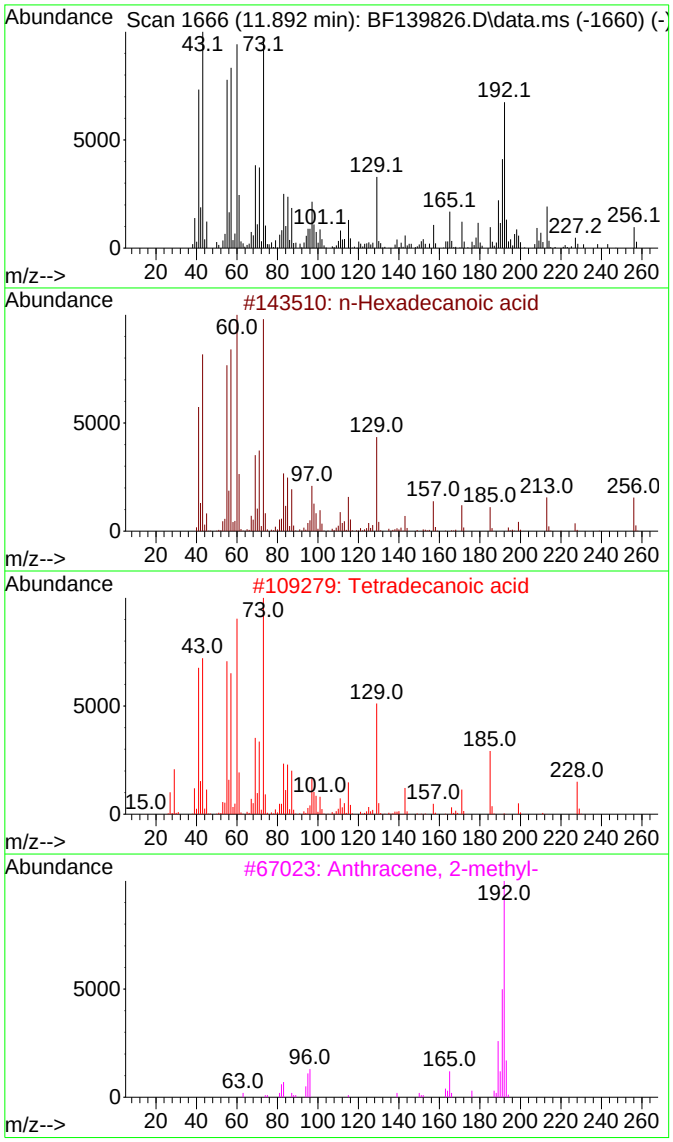
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

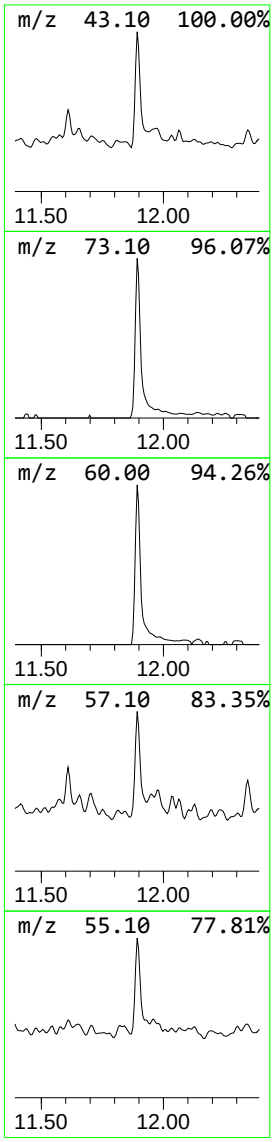
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.86 ng	218410	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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
Nonane, 3-methyl-	6.098	7.9	ng	253836	1	6.851	645120	20.0
Cyclohexane, 1,...	6.381	12.3	ng	396525	1	6.851	645120	20.0
Cyclopentane, 1...	6.598	6.2	ng	199151	1	6.851	645120	20.0
unknown6.628	6.628	5.1	ng	163127	1	6.851	645120	20.0
Decane, 2,4-dim...	6.769	5.3	ng	171262	1	6.851	645120	20.0
unknown6.992	6.992	7.0	ng	225479	1	6.851	645120	20.0
1-Ethyl-2,2,6-t...	7.122	6.7	ng	216658	1	6.851	645120	20.0
unknown7.487	7.487	7.6	ng	244813	1	6.851	645120	20.0
Bicyclo[2.2.1]h...	7.657	5.8	ng	249992	2	8.134	856748	20.0
Octane, 2,6-dim...	8.551	9.9	ng	425094	2	8.134	856748	20.0
Dodecane, 2,7,1...	9.151	8.3	ng	274351	3	9.886	661263	20.0
unknown9.286	9.286	5.9	ng	196170	3	9.886	661263	20.0
unknown9.598	9.598	14.3	ng	471227	3	9.886	661263	20.0
unknown9.792	9.792	5.1	ng	167194	3	9.886	661263	20.0
Naphthalene, 1,...	10.128	6.5	ng	216560	3	9.886	661263	20.0
Benzophenone	10.598	12.5	ng	412832	3	9.886	661263	20.0
Dodecane, 2-met...	10.792	6.5	ng	207027	4	11.369	636638	20.0
1H-Indene, 2,3-...	10.975	5.7	ng	180583	4	11.369	636638	20.0
4,4'-Dimethylbi...	11.010	5.7	ng	182655	4	11.369	636638	20.0
n-Hexadecanoic ...	11.892	6.9	ng	218410	4	11.369	636638	20.0