LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	490	495	500	rBV2	76783	97260	2.10%	0.143%
2	5.398	559	563	567	rBV	2021092	1803329	38.97%	2.643%
3	5.563	587	591	596	rBV3	56592	81856	1.77%	0.120%
4	5.816	628	634	638	rVB3	93948	150261	3.25%	0.220%
5	5.951	654	657	662	rVB	141373	147777	3.19%	0.217%
6	6.004	662	666	668	rBV3	56775	75703	1.64%	0.111%
7	6.051	670	674	680	rVB3	275889	390109	8.43%	0.572%
8	6.104	680	683	685	rBV	158581	127866	2.76%	0.187%
9	6.239	700	706	709	rBV2	148035	184292	3.98%	0.270%
10	6.333	718	722	725	rBV2	284633	335550	7.25%	0.492%
11	6.422	730	737	740	rBV	2047924	1879102	40.61%	2.754%
12	6.469	744	745	748	rVV	158826	130915	2.83%	0.192%
13	6.498	748	750	753	rVV	116272	100838	2.18%	0.148%
14	6.539	753	757	762	rVV5	193650	400538	8.66%	0.587%
15	6.581	762	764	766	rVV	167041	154935	3.35%	0.227%
16	6.639	770	774	775	rBV3	85511	88461	1.91%	0.130%
17	6.657	775	777	780	rVB	141631	120710	2.61%	0.177%
18	6.745	787	792	793	rBV4	71600	98430	2.13%	0.144%
19	6.769	793	796	798	rVV3	154306	163776	3.54%	0.240%
20	6.798	798	801	803	rVV	1351554	1274240	27.54%	1.868%
21	6.816	803	804	808	rVB	544759	361045	7.80%	0.529%
22	6.863	808	812	814	rBV2	191880	193901	4.19%	0.284%
23	6.898	814	818	819	rBV3	164254	184869	4.00%	0.271%
24	6.922	819	822	824	rVB	133132	109599	2.37%	0.161%
25	6.951	824	827	831	rBV	388552	399859	8.64%	0.586%
26	6.986	831	833	835	rVB	176129	143440	3.10%	0.210%
27	7.033	838	841	843	rBV2	150352	135728	2.93%	0.199%
28	7.075	845	848	852	rVB2	441988	531979	11.50%	0.780%
29	7.110	852	854	857	rVB4	116594	104476	2.26%	0.153%
30	7.151	857	861	863	rBV3	130537	156744	3.39%	0.230%
31	7.192	866	868	871	rBV2	392909	353797	7.65%	0.519%
32	7.228	871	874	879	rVB4	212287	288904	6.24%	0.423%
33	7.281	880	883	886	rBV	123876	148781	3.22%	0.218%
34	7.328	886	891	892	rBV2	434657	497748	10.76%	0.730%
35	7.357	892	896	898	rVB2	1196776	1199406	25.92%	1.758%
36	7.381	898	900	902	rBV2	221237	164672	3.56%	0.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.445	907	911	915	rBV4	492242	744651	16.09%	1.091%
38	7.498	915	920	921	rBV4	247200	374681	8.10%	0.549%
39	7.516	921	923	925	rVB3	218019	167136	3.61%	0.245%
40	7.557	927	930	932	rBV2	177200	165471	3.58%	0.243%
41	7.586	932	935	937	rBV2	449902	392592	8.48%	0.575%
42	7.610	937	939	942	rVB	715869	551288	11.91%	0.808%
43	7.639	942	944	947	rBV2	153431	137703	2.98%	0.202%
44	7.704	950	955	956	rBV2	459258	488047	10.55%	0.715%
45	7.722	956	958	962	rVB2	884461	867926	18.76%	1.272%
46	7.769	962	966	968	rBV3	365967	393189	8.50%	0.576%
47	7.804	968	972	974	rVB2	165221	193683	4.19%	0.284%
48	7.845	974	979	982	rBV4	370565	497431	10.75%	0.729%
49	7.910	986	990	994	rVB5	364789	410629	8.87%	0.602%
50	7.957	995	998	999	rBV3	232739	268532	5.80%	0.394%
51	7.969	999	1000	1002	rVB2	184344	84925	1.84%	0.124%
52	7.992	1002	1004	1006	rVB2	256840	185534	4.01%	0.272%
53	8.022	1007	1009	1011	rBV2	247477	236631	5.11%	0.347%
54	8.080	1014	1019	1023	rBV	1731535	1847807	39.94%	2.708%
55	8.116	1023	1025	1026	rBV2	212028	134693	2.91%	0.197%
56	8.151	1026	1031	1033	rVB	1708782	1530501	33.08%	2.243%
57	8.175	1033	1035	1038	rBV2	382963	388599	8.40%	0.570%
58	8.204	1038	1040	1043	rVB2	426992	353306	7.64%	0.518%
59	8.263	1043	1050	1052	rBV5	449966	978730	21.15%	1.435%
60	8.292	1052	1055	1057	rVB	847854	671659	14.52%	0.984%
61	8.316	1057	1059	1062	rVB4	158918	179251	3.87%	0.263%
62	8.345	1062	1064	1065	rBV2	128577	89875	1.94%	0.132%
63	8.380	1065	1070	1072	rBV4	1011591	1284293	27.76%	1.882%
64	8.410	1072	1075	1077	rBV3	184528	150021	3.24%	0.220%
65	8.433	1077	1079	1081	rBV2	360907	324442	7.01%	0.476%
66	8.516	1088	1093	1095	rBV	2287536	2378068	51.40%	3.486%
67	8.551	1097	1099	1102	rVB2	547623	466901	10.09%	0.684%
68	8.592	1102	1106	1108	rBV3	588194	565704	12.23%	0.829%
69	8.627	1108	1112	1114	rBV3	761832	905793	19.58%	1.328%
70	8.780	1135	1138	1141	rVB2	1112407	1175718	25.41%	1.723%
71	8.833	1144	1147	1149	rBV4	452207	492609	10.65%	0.722%
72	8.863	1149	1152	1156	rBV5	305576	567526	12.27%	0.832%
73	8.969	1167	1170	1172	rBV3	511937	513104	11.09%	0.752%
74	8.998	1172	1175	1178	rVB2	989212	947886	20.49%	1.389%
75	9.033	1178	1181	1182	rBV3	240866	252693	5.46%	0.370%
76	9.080	1187	1189	1191	rVV2	542863	489683	10.58%	0.718%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.116	1191	1195	1198	rVV	2876536	2778509	60.05%	4.072%
78	9.157	1199	1202	1205	rVB	1510936	1338359	28.93%	1.962%
79	9.245	1213	1217	1222	rBV5	1085206	2015191	43.55%	2.954%
80	9.439	1247	1250	1252	rBV3	383596	341700	7.39%	0.501%
81	9.551	1267	1269	1270	rBV	1266979	1020354	22.05%	1.496%
82	9.574	1270	1273	1275	rVB	2998542	2792940	60.36%	4.094%
83	9.657	1284	1287	1289	rBV3	585041	647241	13.99%	0.949%
84	9.716	1293	1297	1301	rVV5	669534	1104482	23.87%	1.619%
85	9.757	1301	1304	1306	rVB	1321483	1209699	26.14%	1.773%
86	9.792	1307	1310	1312	rBV2	423185	457027	9.88%	0.670%
87	9.839	1312	1318	1321	rBV4	1346314	2146699	46.40%	3.146%
88	9.951	1335	1337	1340	rVB2	540944	519025	11.22%	0.761%
89	10.039	1350	1352	1355	rBV	817825	644545	13.93%	0.945%
90	10.104	1360	1363	1369	rVB2	1203784	1470652	31.78%	2.156%
91	10.157	1370	1372	1375	rBV3	546540	670095	14.48%	0.982%
92	10.210	1379	1381	1384	rBV4	396697	338624	7.32%	0.496%
93	10.251	1386	1388	1393	rVB4	655853	745598	16.11%	1.093%
94	10.380	1408	1410	1412	rBV2	404696	429533	9.28%	0.630%
95	10.504	1428	1431	1434	rVB	1327896	1352271	29.23%	1.982%
96	10.774	1472	1477	1480	rBV	4214906	4626938	100.00%	6.782%
97	10.827	1484	1486	1488	rBV2	457337	414121	8.95%	0.607%
98	11.239	1552	1556	1559	rVB	3167402	3275960	70.80%	4.802%
99	11.586	1612	1615	1618	rVB	1261551	1165754	25.19%	1.709%
100	12.921	1839	1842	1851	rVB	880805	1092135	23.60%	1.601%

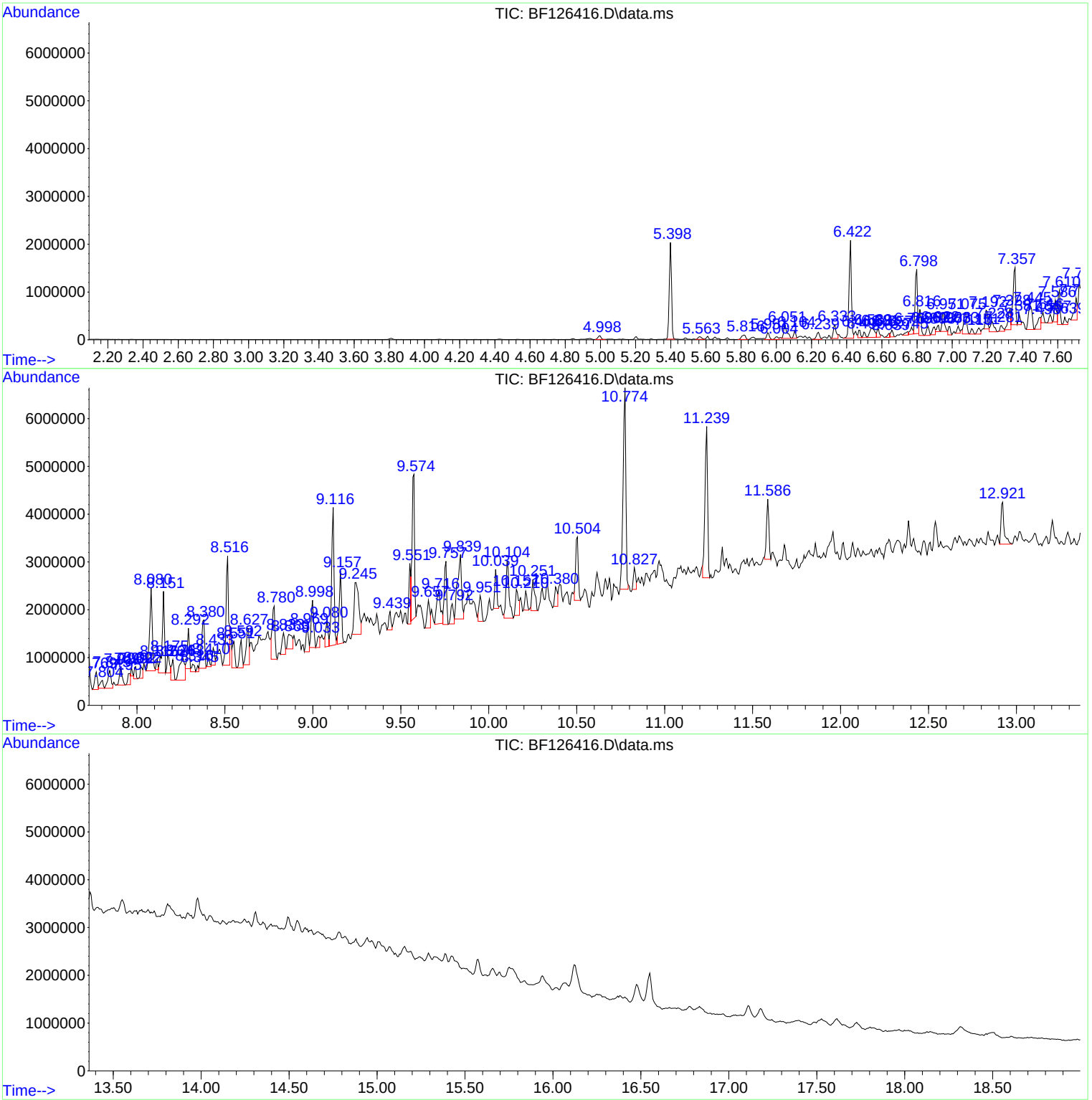
Sum of corrected areas: 68227259

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

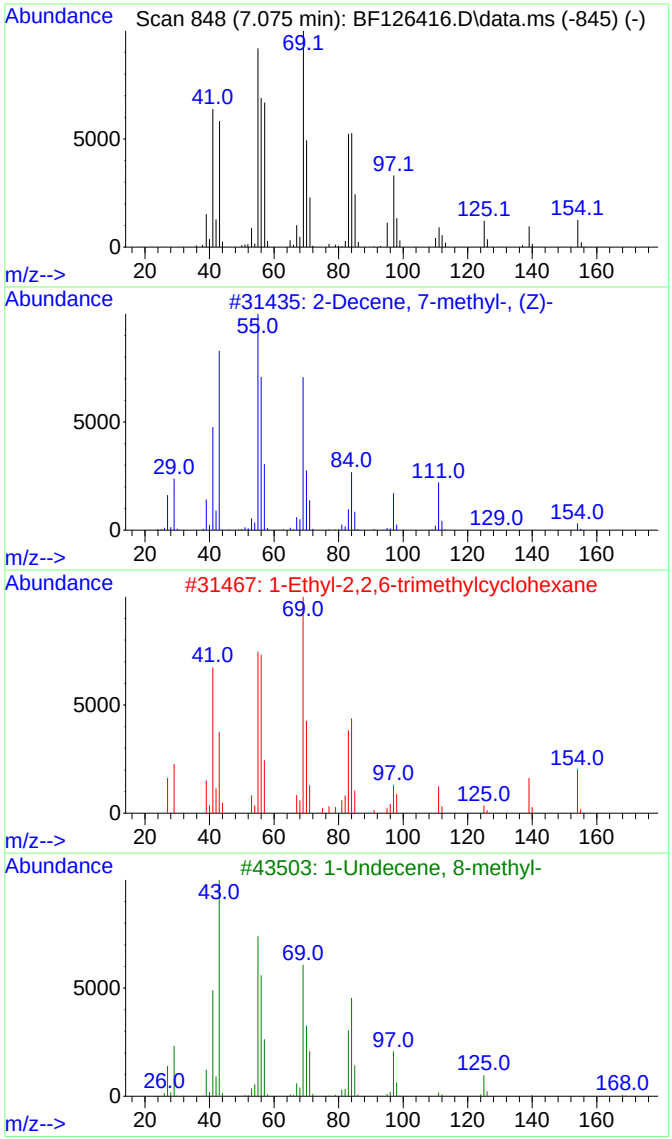
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

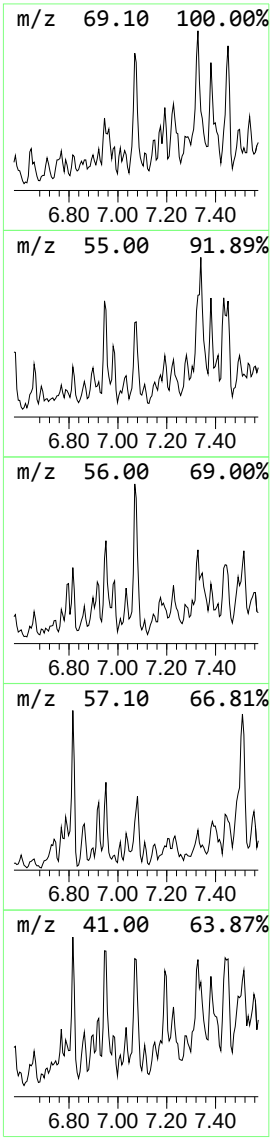
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Decene, 7-methyl-, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	8.35 ng	531979	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	81
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	80
3	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	72
4	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	72
5	5-Undecene	154	C11H22	004941-53-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

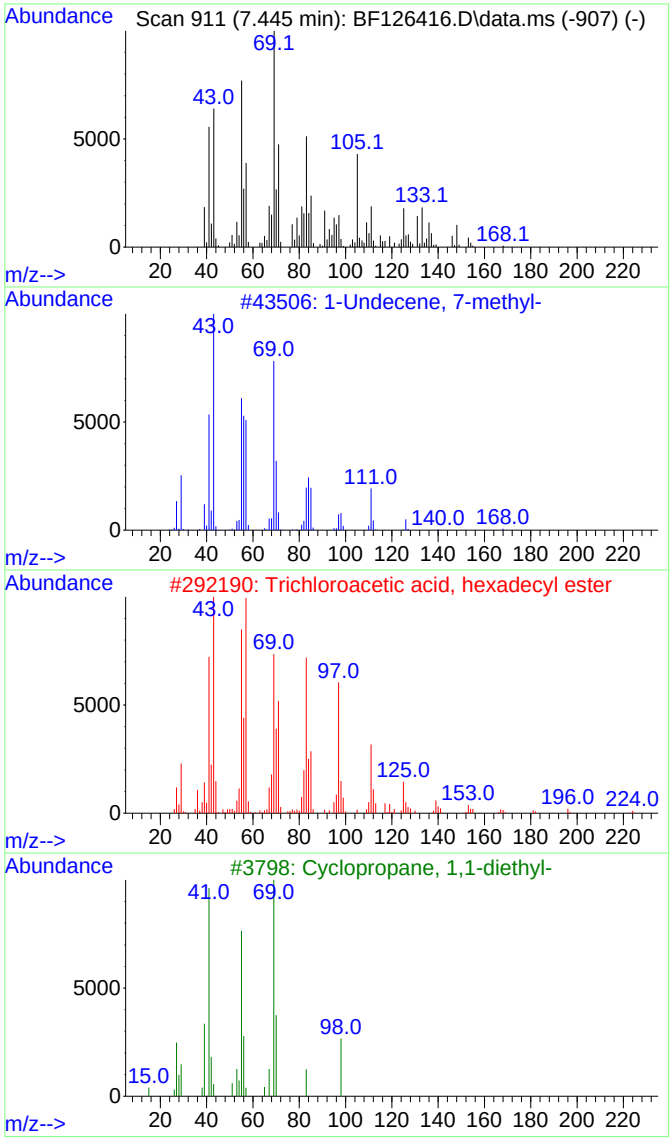
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

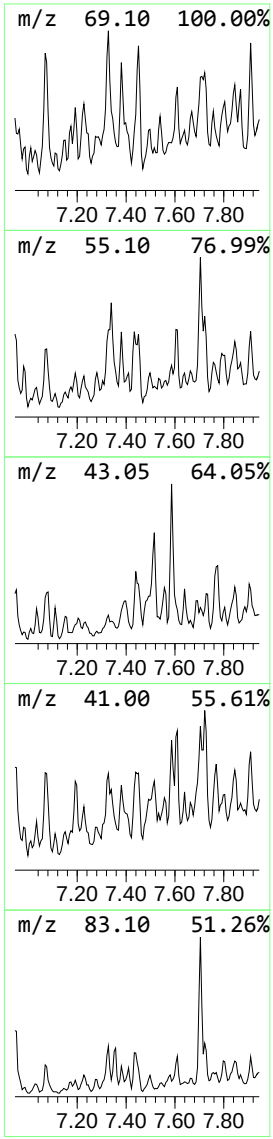
****

Peak Number 2 unknown7.445 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	8.06 ng	744651	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	46
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	38
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
4	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	38
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

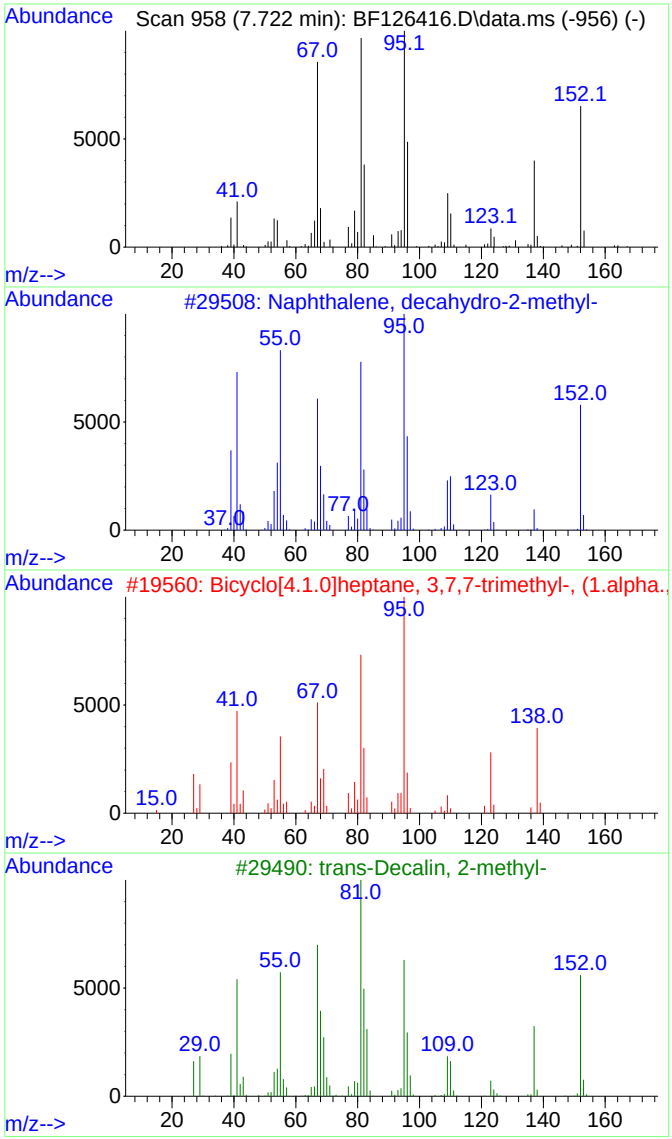
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

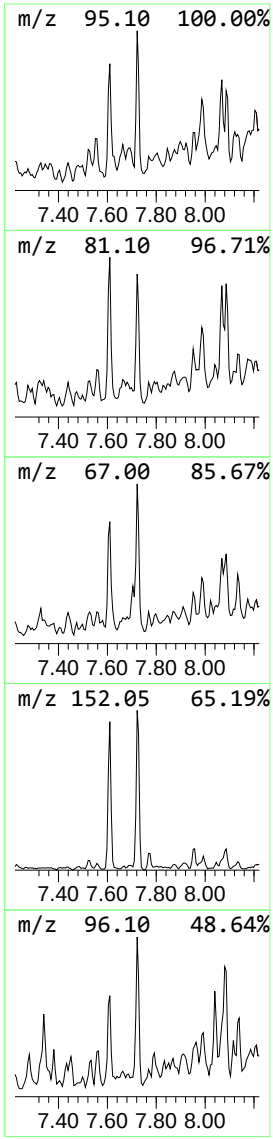
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	9.39 ng	867926	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	83
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	64
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

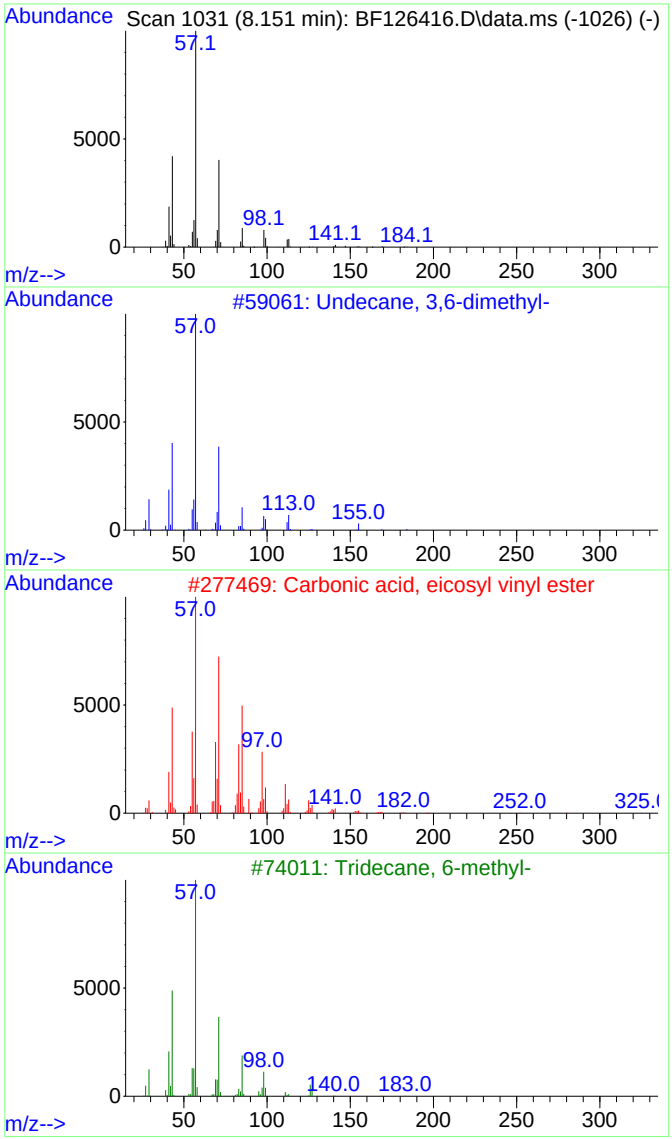
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

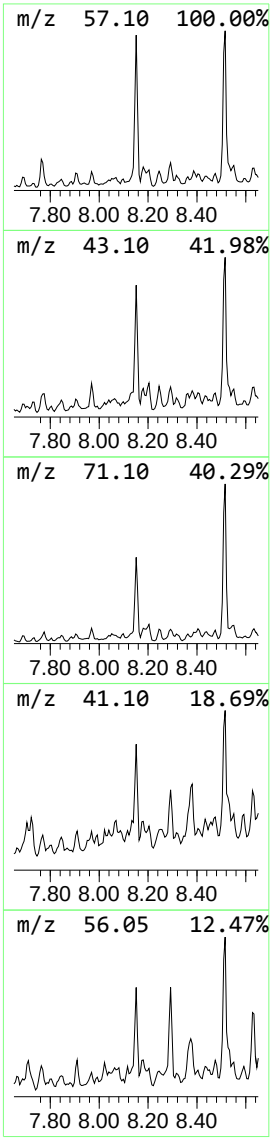
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, eicosyl viny... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.151	16.57 ng	1530500	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

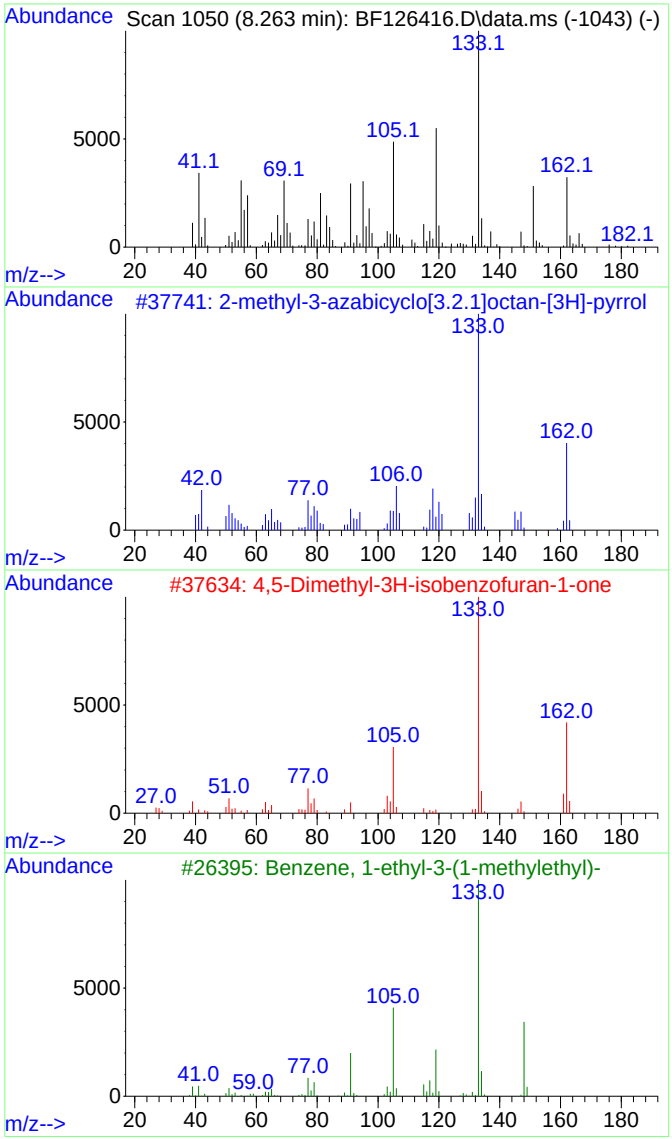
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

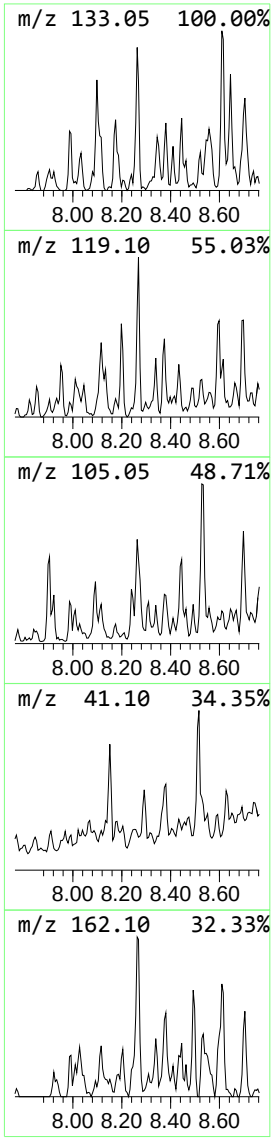
****

Peak Number 5 unknown8.263 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	10.59 ng	978730	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyl-3-azabicyclo[3.2.1]octa...	162	C10H14N2	1000451-79-1	45
2	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	41
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38
4	Ethanone, 2-chloro-1-(2,4-dimeth...	182	C10H11ClO	002623-45-2	38
5	1H-Indol-4-ol	133	C8H7NO	002380-94-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

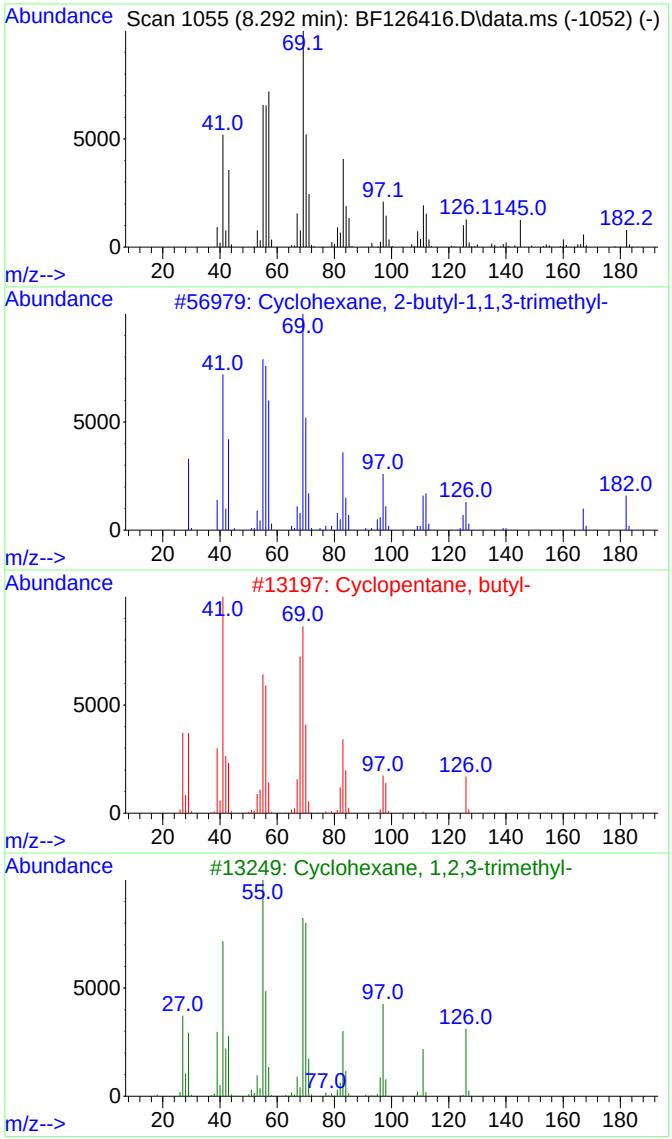
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

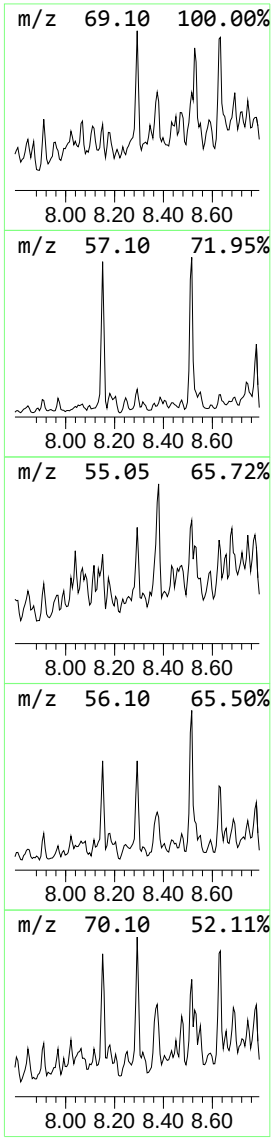
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.292	7.27 ng	671659	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	81
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
4	3-Tridecene, (Z)-	182	C13H26	041446-53-1	55
5	3-Tridecene, (E)-	182	C13H26	041446-57-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

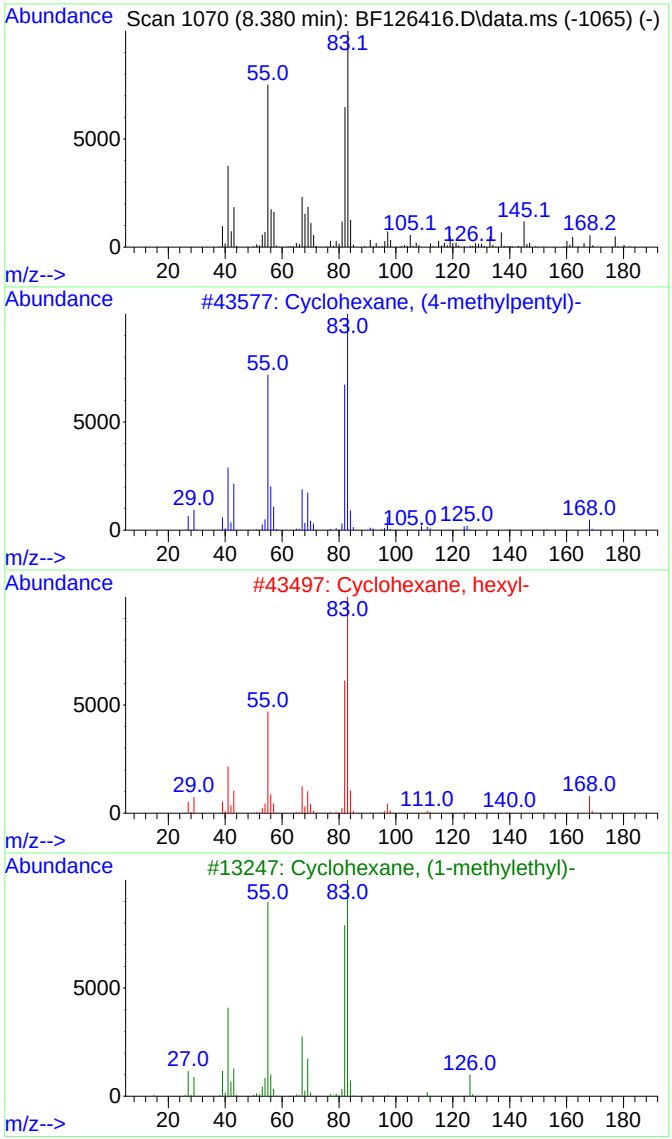
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

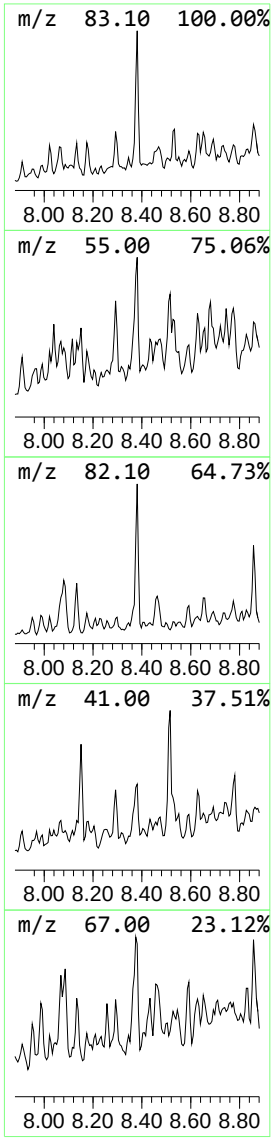
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.380	13.90 ng	1284290	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	87
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	83
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

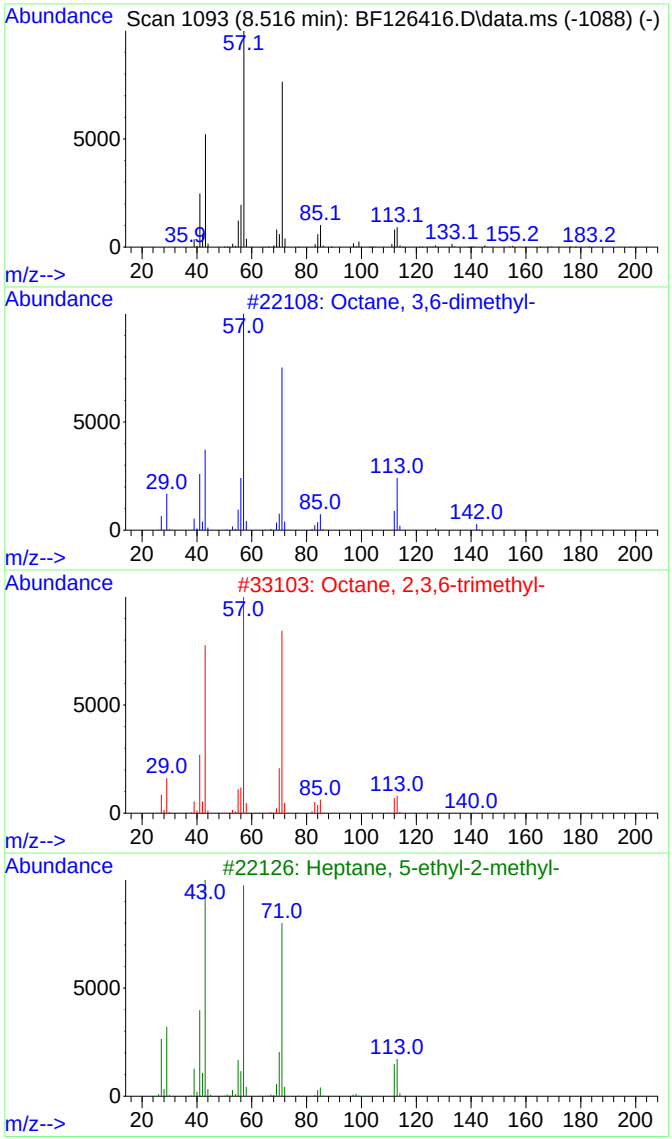
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

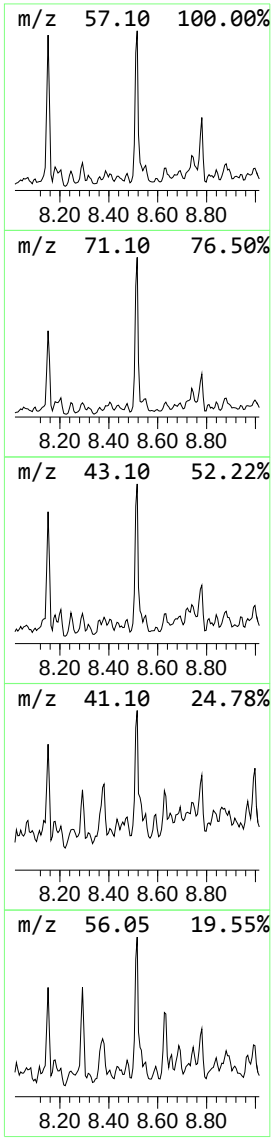
****

Peak Number 8 Octane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	25.74 ng	2378070	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

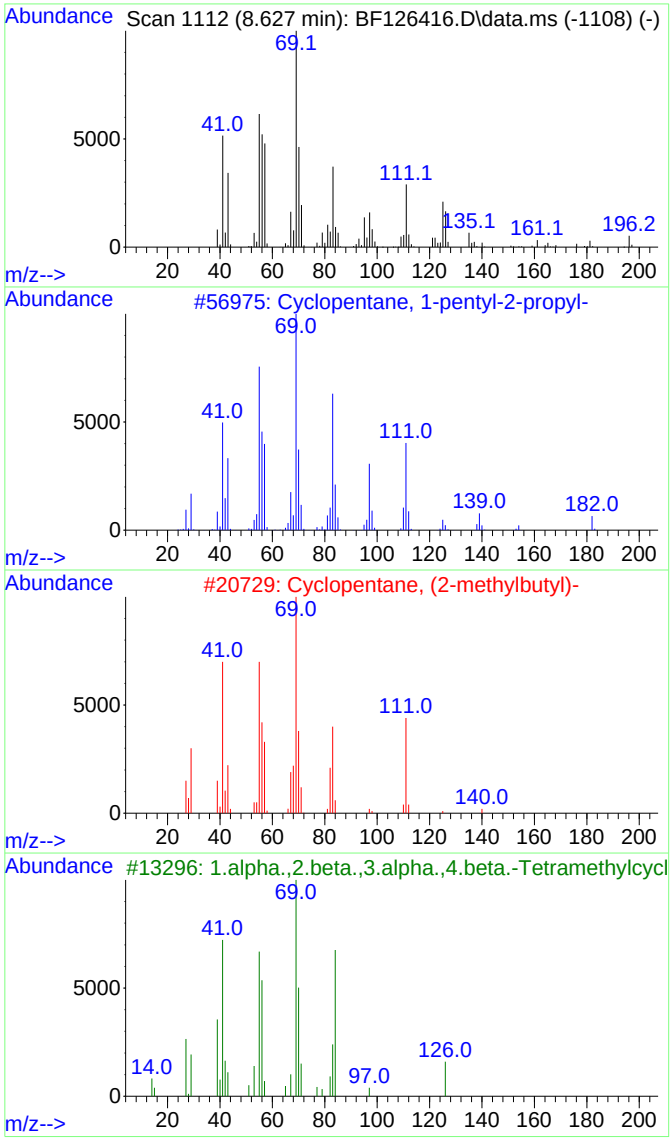
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

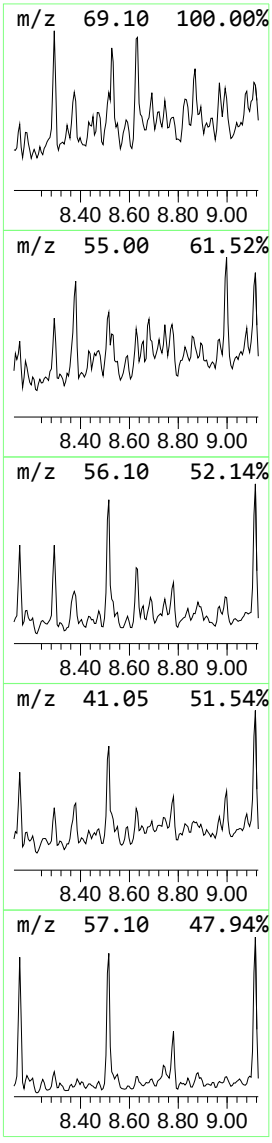
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentane, 1-pentyl-2-pr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.627	9.80 ng	905793	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	64
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	62
3	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	58
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	53
5	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

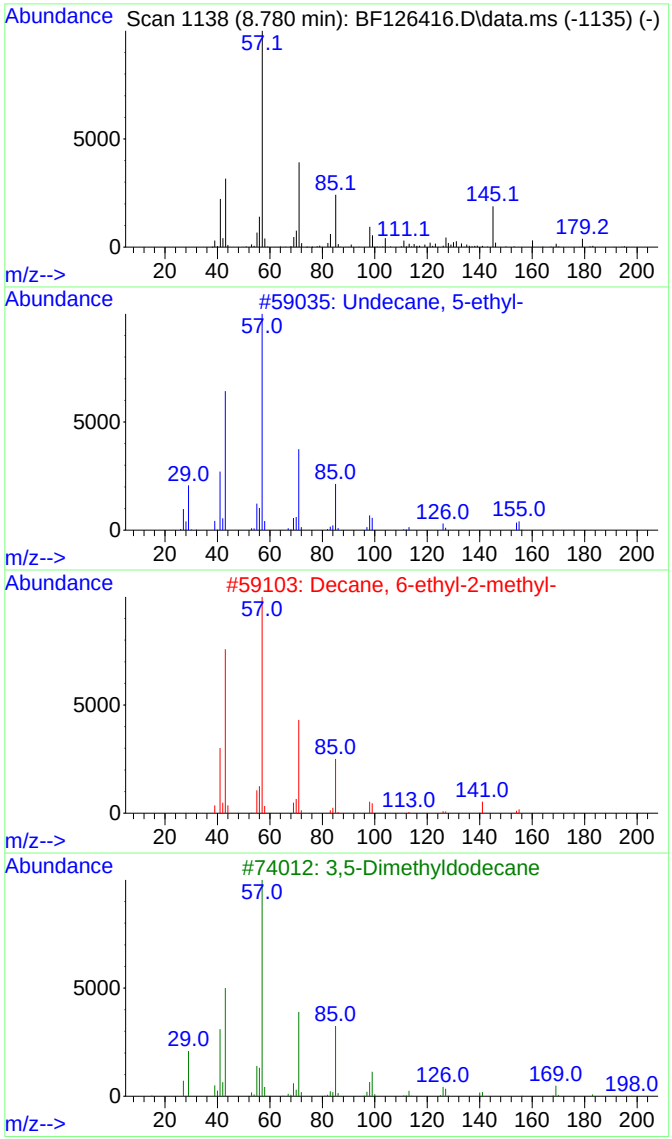
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

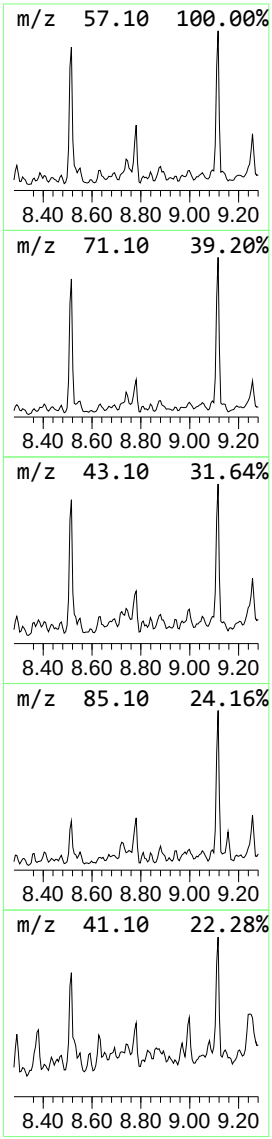
****

Peak Number 10 Undecane, 5-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.780	12.73 ng	1175720	Naphthalene-d8	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
4	Undecane	156	C11H24	001120-21-4	53
5	Tridecane	184	C13H28	000629-50-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

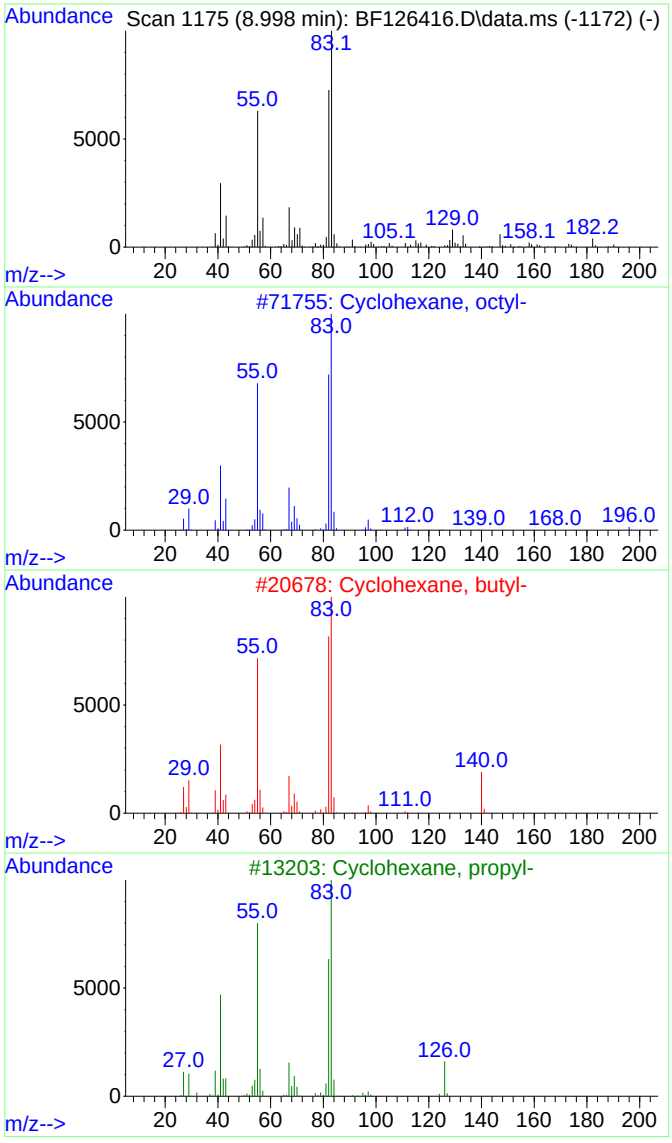
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

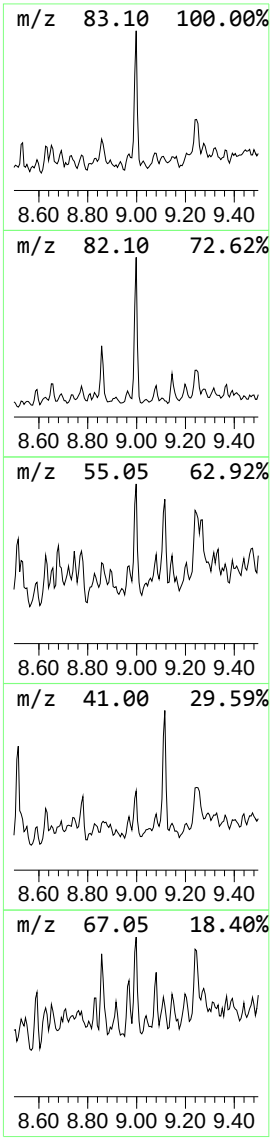
****

Peak Number 11 Cyclohexane, octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.998	8.83 ng	947886	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

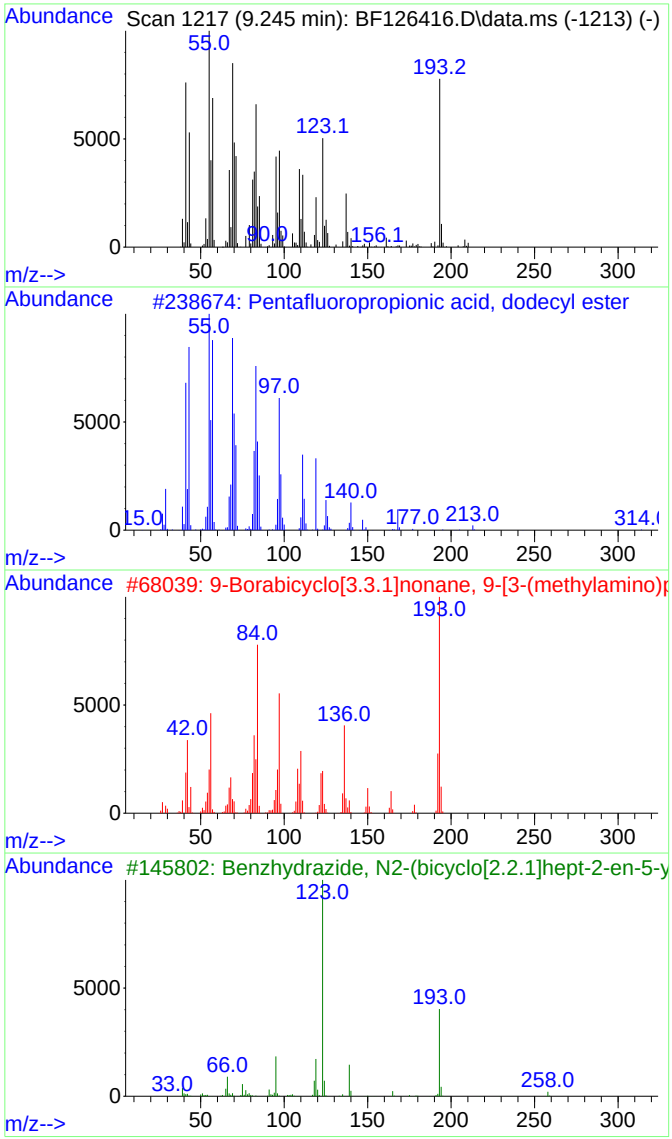
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

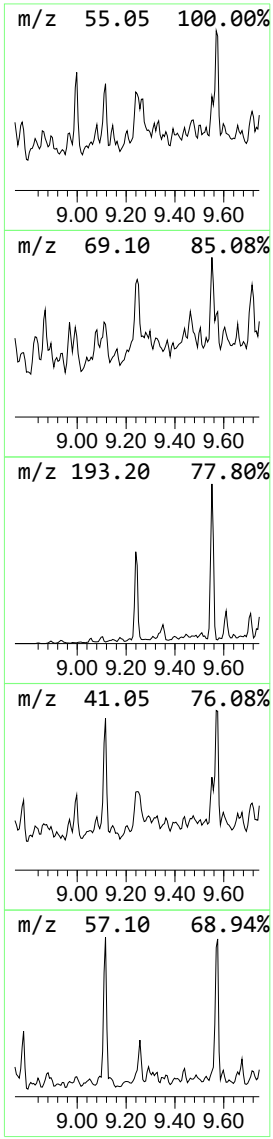
****

Peak Number 12 unknown9.245 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.245	18.77 ng	2015190	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	30
2	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	27
3	Benzhydrazide, N2-(bicyclo[2.2.1...	258	C15H15FN2O	1000274-01-8	27
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
5	1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

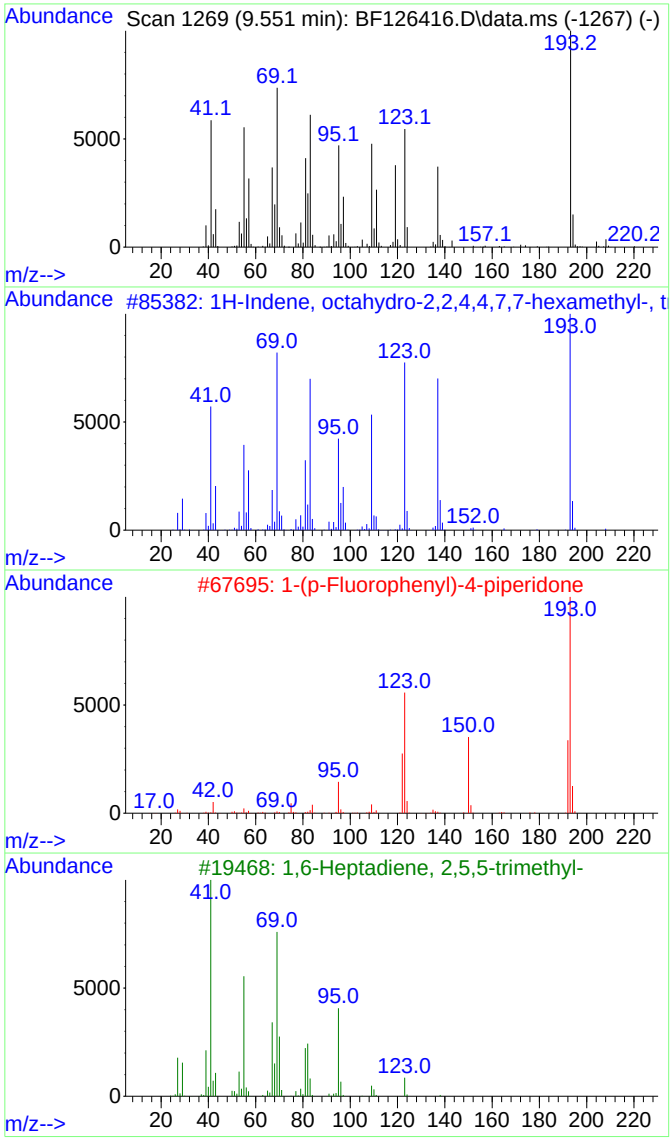
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

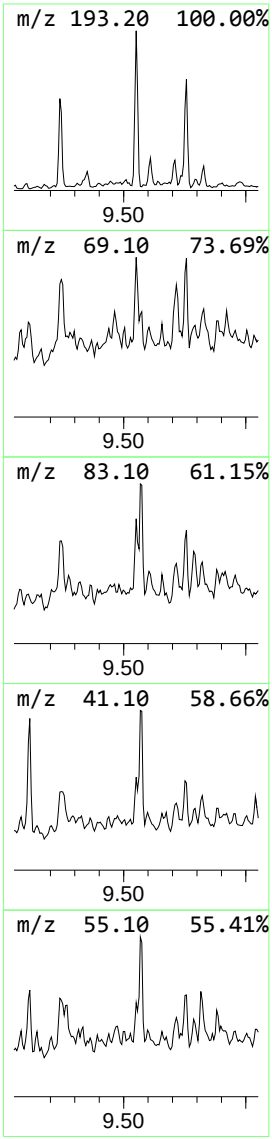
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, octahydro-2,2,4,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	9.51 ng	1020350	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	59
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	30
3	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	22
4	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-8	22
5	2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

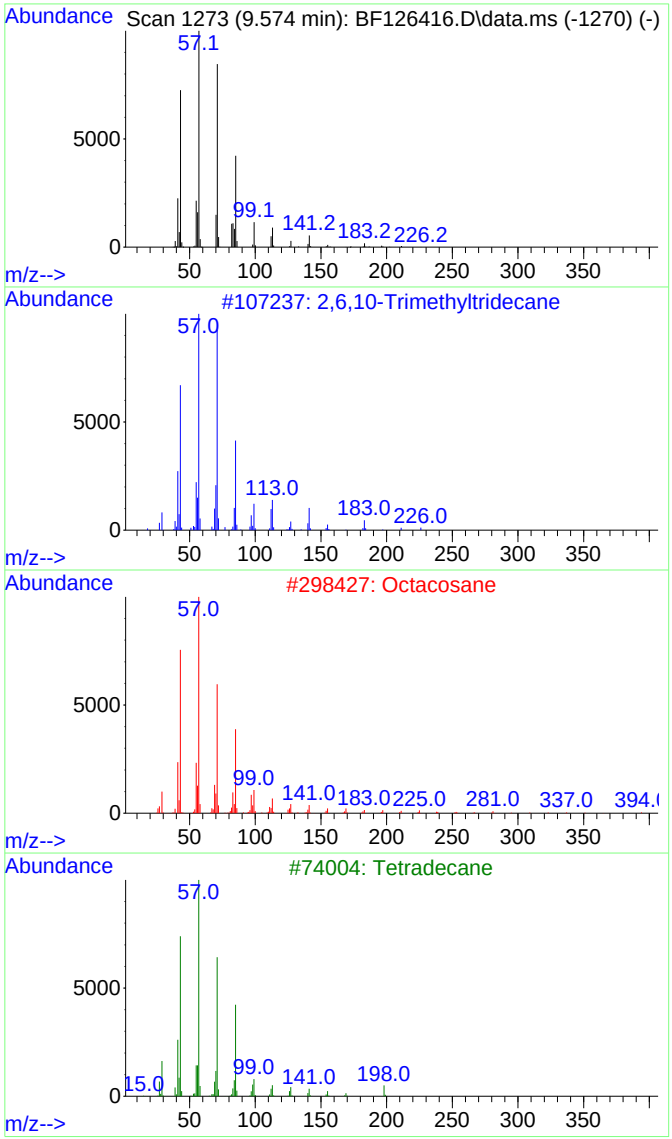
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

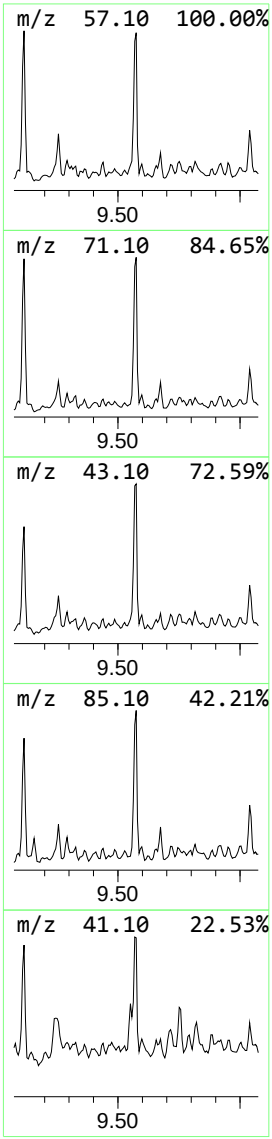
****

Peak Number 14 2,6,10-Trimethyltridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.574	26.02 ng	2792940	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	93
2	Octacosane	394	C28H58	000630-02-4	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Tetracosane	338	C24H50	000646-31-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

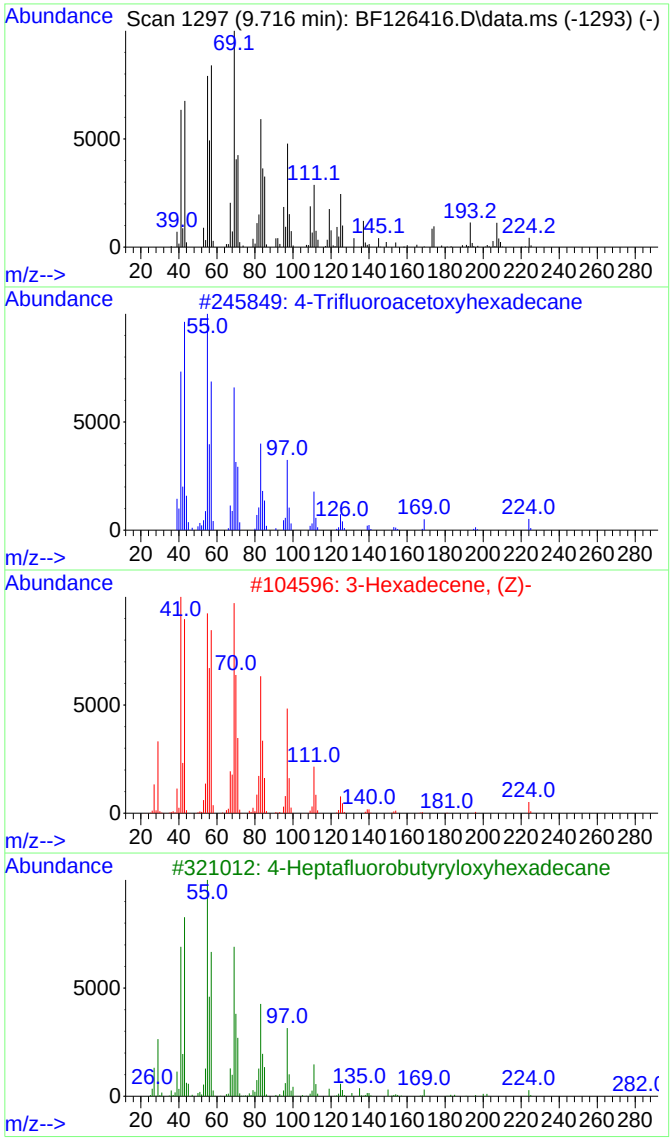
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

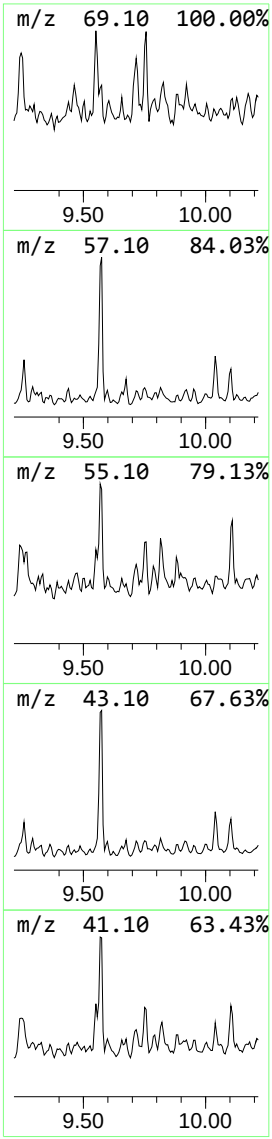
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4-Trifluoroacetoxyhexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	10.29 ng	1104480	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	90
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	89
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1010282-97-2	86
4	Cetene	224	C16H32	000629-73-2	78
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

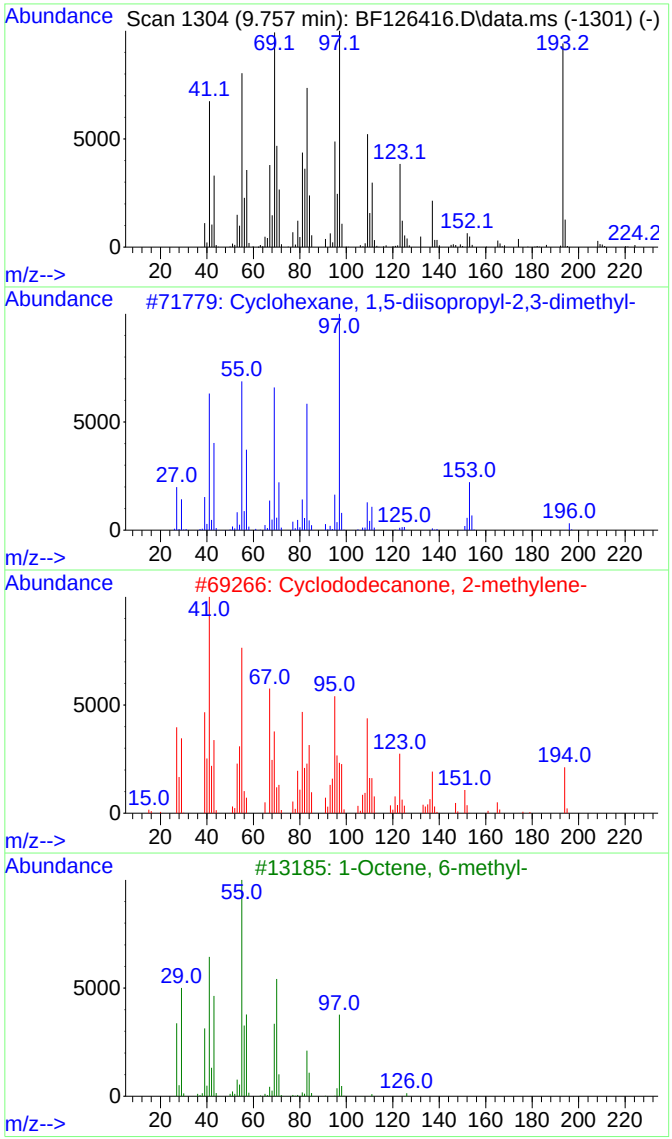
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

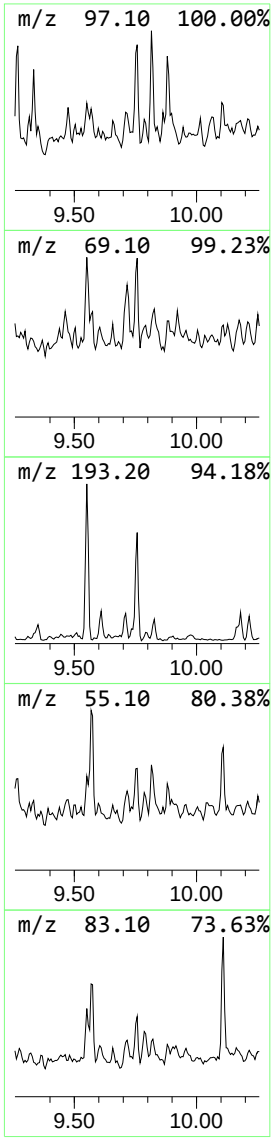
****

Peak Number 16 unknown9.757 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	11.27 ng	1209700	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	43
2	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	35
3	1-Octene, 6-methyl-	126	C9H18	013151-10-5	27
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	25
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

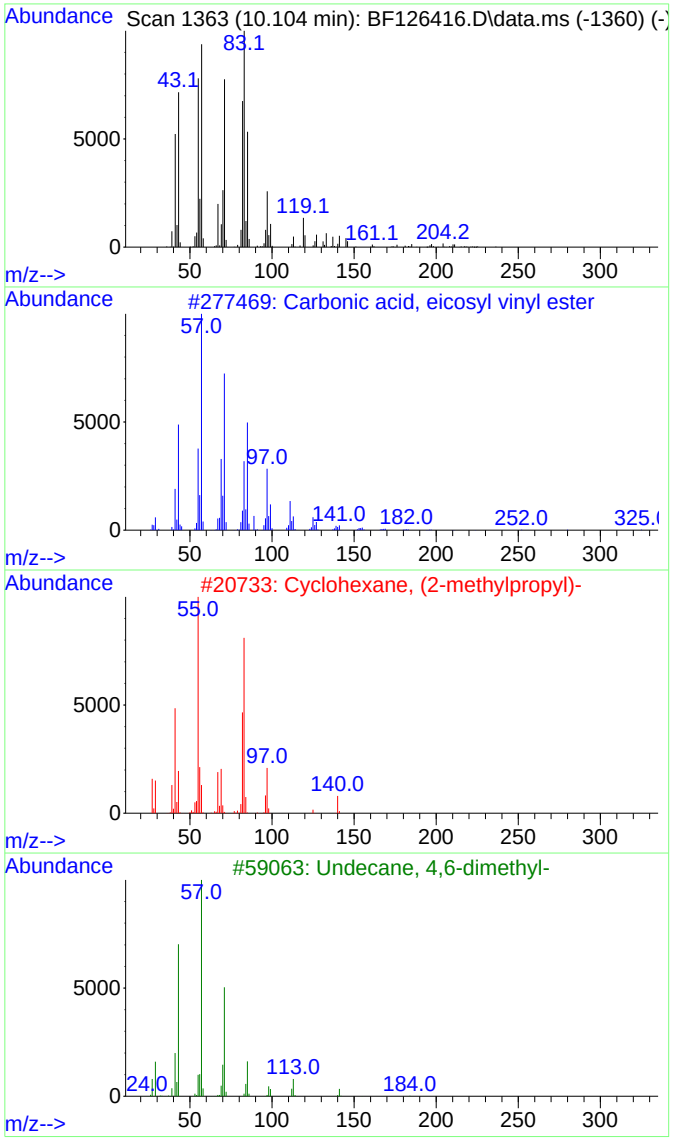
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

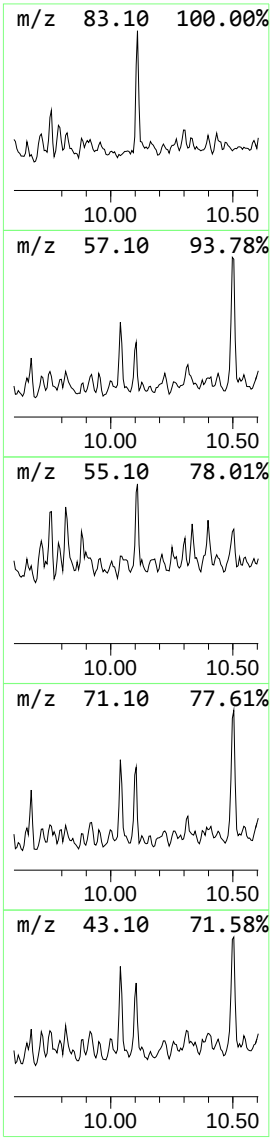
****

Peak Number 17 unknown10.104 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	13.70 ng	1470650	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

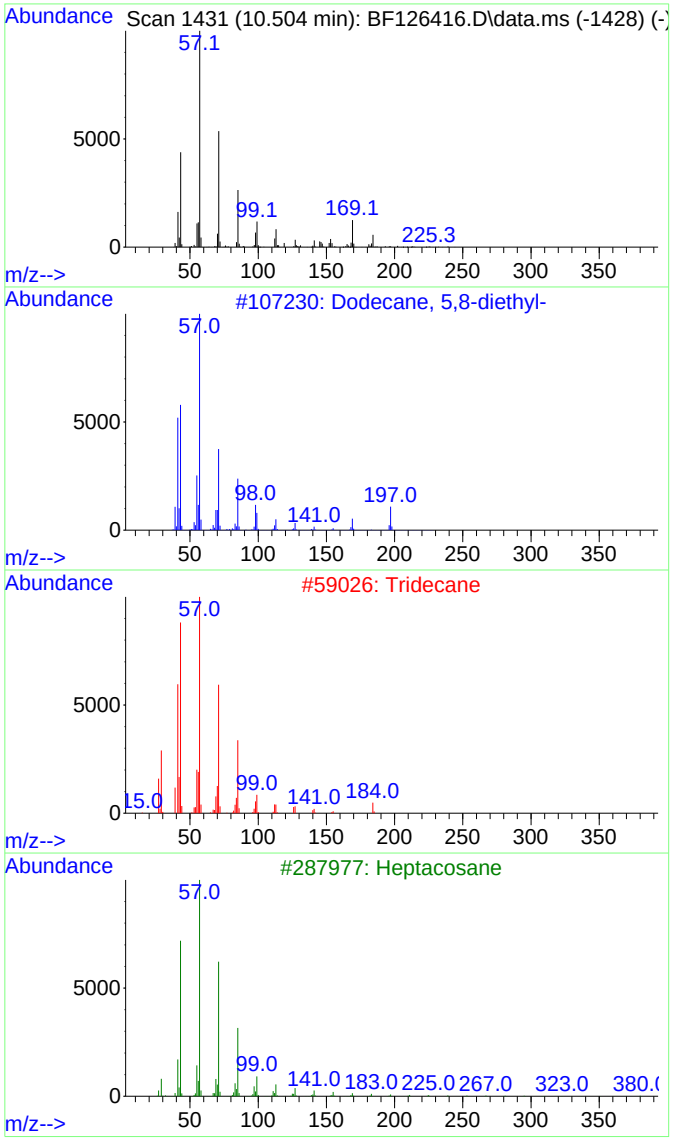
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

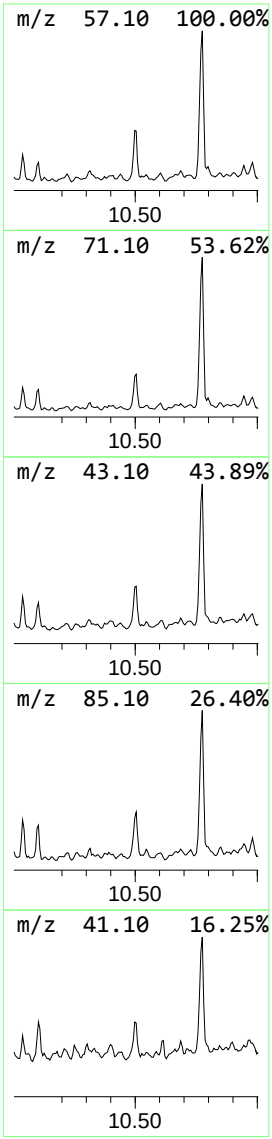
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dodecane, 5,8-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	12.60 ng	1352270	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	87
2	Tridecane	184	C13H28	000629-50-5	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

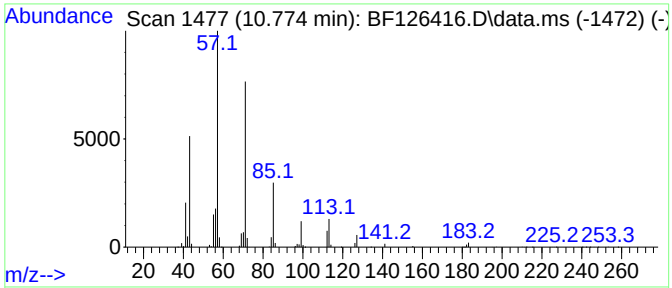
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

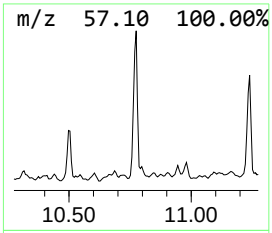
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

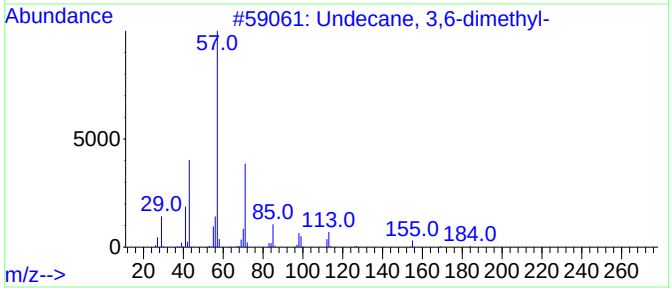
****
Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 1

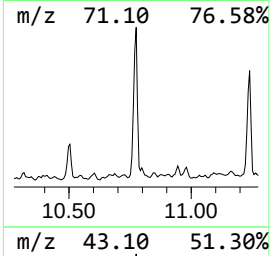
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.774	28.25 ng	4626940	Phenanthrene-d10	11.327

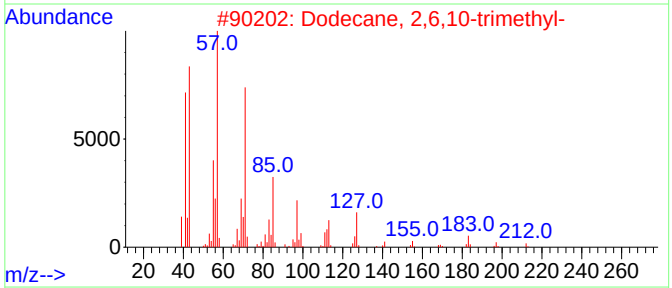
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	78

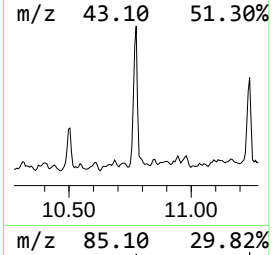


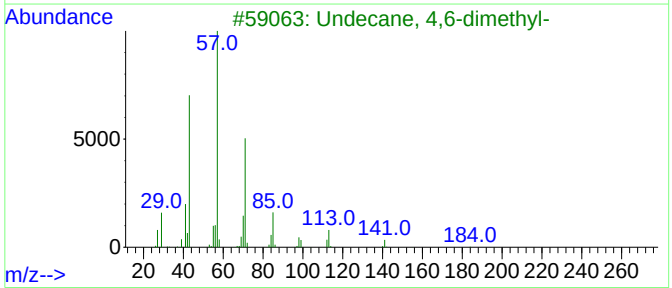


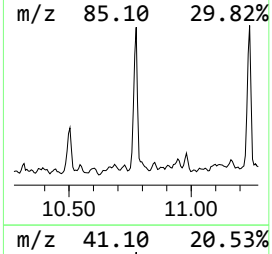


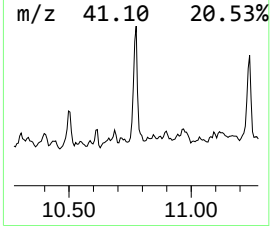












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

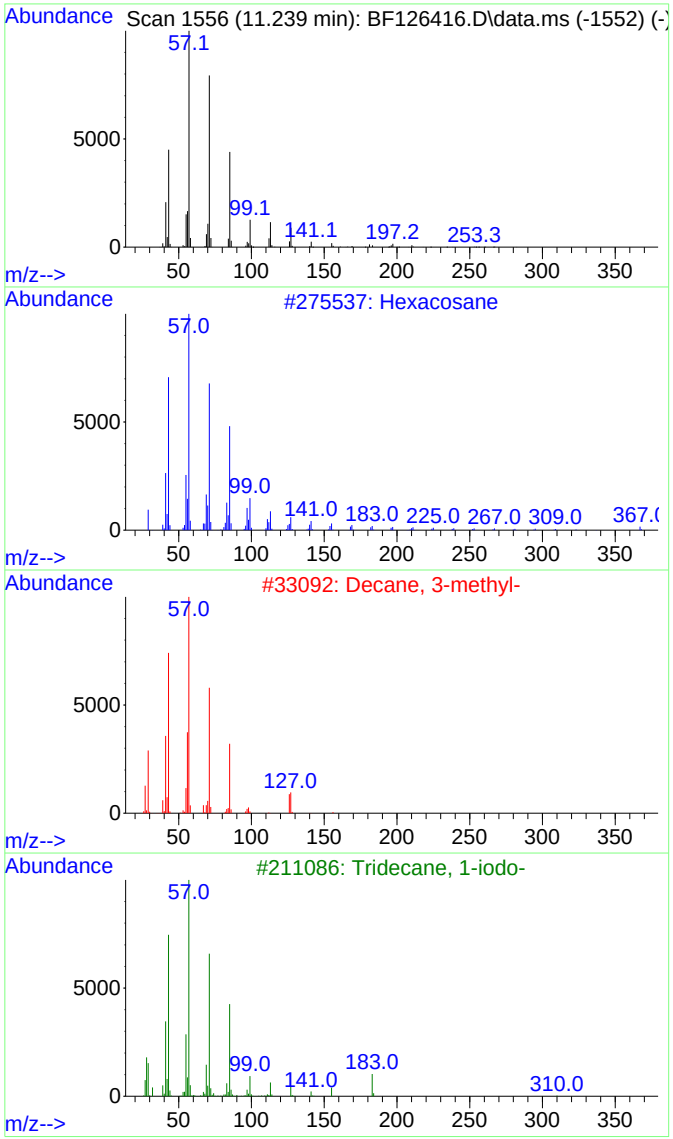
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

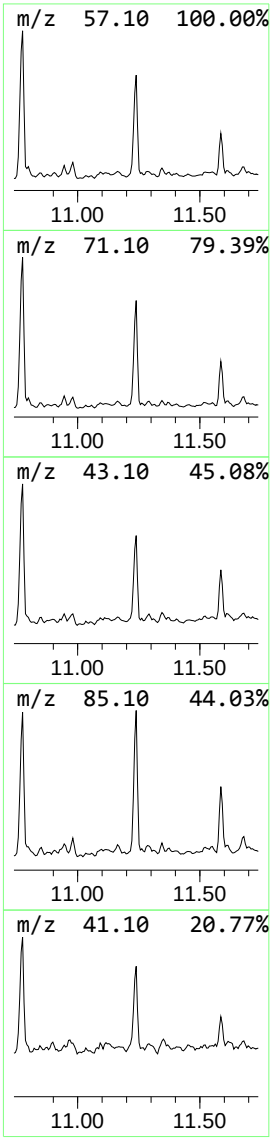
****

Peak Number 20 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	20.00 ng	3275960	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Decane, 3-methyl-	156	C11H24	013151-34-3	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126416.D
Acq On : 30 Dec 2021 13:11
Operator : JU/CG
Sample : M5223-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-19-(10-15)-12-22-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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-Decene, 7-met...	7.075	8.3	ng	531979	1	6.798	1274240	20.0
unknown7.445	7.445	8.1	ng	744651	2	8.080	1847810	20.0
Naphthalene, de...	7.722	9.4	ng	867926	2	8.080	1847810	20.0
Carbonic acid, ...	8.151	16.6	ng	1530500	2	8.080	1847810	20.0
unknown8.263	8.263	10.6	ng	978730	2	8.080	1847810	20.0
Cyclohexane, 2-...	8.292	7.3	ng	671659	2	8.080	1847810	20.0
Cyclohexane, (4...	8.380	13.9	ng	1284290	2	8.080	1847810	20.0
Octane, 3,6-dim...	8.516	25.7	ng	2378070	2	8.080	1847810	20.0
Cyclopentane, 1...	8.627	9.8	ng	905793	2	8.080	1847810	20.0
Undecane, 5-ethyl-	8.780	12.7	ng	1175720	2	8.080	1847810	20.0
Cyclohexane, oc...	8.998	8.8	ng	947886	3	9.839	2146700	20.0
unknown9.245	9.245	18.8	ng	2015190	3	9.839	2146700	20.0
1H-Indene, octa...	9.551	9.5	ng	1020350	3	9.839	2146700	20.0
2,6,10-Trimethy...	9.574	26.0	ng	2792940	3	9.839	2146700	20.0
4-Trifluoroacet...	9.716	10.3	ng	1104480	3	9.839	2146700	20.0
unknown9.757	9.757	11.3	ng	1209700	3	9.839	2146700	20.0
unknown10.104	10.104	13.7	ng	1470650	3	9.839	2146700	20.0
Dodecane, 5,8-d...	10.504	12.6	ng	1352270	3	9.839	2146700	20.0
Undecane, 3,6-d...	10.774	28.3	ng	4626940	4	11.327	3275960	20.0
Hexacosane	11.239	20.0	ng	3275960	4	11.327	3275960	20.0