LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 105-SB-2(S)

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123730.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	558	566	567	rVV	2957867	3259549	8.21%	0.371%
2	5.434	567	569	573	rVB	4800805	4436684	11.18%	0.504%
3	5.734	616	620	626	rVB	5499880	5000155	12.60%	0.568%
4	5.981	658	662	666	rVB3	2781152	3984758	10.04%	0.453%
5	6.075	675	678	684	rVV2	5723563	6766520	17.05%	0.769%
6	6.263	705	710	712	rBV2	2662620	3381809	8.52%	0.384%
7	6.357	723	726	729	rBV	5141417	5824893	14.68%	0.662%
8	6.422	733	737	739	rBV2	4428811	4349578	10.96%	0.494%
9	6.457	739	743	745	rVB	4624376	4066092	10.25%	0.462%
10	6.569	758	762	767	rBV5	2228492	4630148	11.67%	0.526%
11	6.669	773	779	785	rVB2	9576459	14142737	35.64%	1.608%
12	6.787	792	799	802	rBV2	3086252	5475161	13.80%	0.622%
13	6.845	807	809	813	rVB2	6561413	6256542	15.77%	0.711%
14	6.887	813	816	821	rBV3	3604060	5200410	13.11%	0.591%
15	6.981	829	832	835	rBV2	5788304	6386889	16.10%	0.726%
16	7.010	835	837	840	rVB	5014541	4010929	10.11%	0.456%
17	7.081	843	849	851	rBV2	3897749	5277130	13.30%	0.600%
18	7.110	851	854	857	rVB2	6264155	6655535	16.77%	0.757%
19	7.151	857	861	863	rBV2	8581018	11019455	27.77%	1.253%
20	7.175	863	865	869	rVB	6762847	6225285	15.69%	0.708%
21	7.228	869	874	877	rBV	7910975	8632392	21.75%	0.981%
22	7.375	893	899	901	rBV2	11159915	14603938	36.80%	1.660%
23	7.404	902	904	907	rVB3	3836287	3391322	8.55%	0.386%
24	7.440	907	910	912	rVB	11897342	10788006	27.19%	1.226%
25	7.481	912	917	920	rBV5	6656735	9745989	24.56%	1.108%
26	7.522	920	924	926	rBV3	2860294	4227131	10.65%	0.481%
27	7.551	926	929	932	rVB2	5761810	5780761	14.57%	0.657%
28	7.610	932	939	940	rBV2	4908021	7489923	18.88%	0.851%
29	7.634	940	943	948	rVB3	9056551	12656464	31.90%	1.439%
30	7.728	955	959	960	rBV	5336713	5445819	13.72%	0.619%
31	7.745	960	962	966	rVV3	4197527	6040350	15.22%	0.687%
32	7.810	971	973	976	rVB3	7961273	7895991	19.90%	0.898%
33	7.845	976	979	980	rBV	10327671	9376255	23.63%	1.066%
34	7.863	980	982	984	rVV2	10332345	9866013	24.86%	1.122%
35	7.881	984	985	989	rVB3	8866503	9936184	25.04%	1.130%
36	7.928	989	993	994	rBV	7004421	7206076	18.16%	0.819%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 105-SB-2(S)

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.969	997	1000	1002	rVB	9320267	8674140	21.86%	0.986%
38	7.992	1002	1004	1008	rBV2	4697133	4378239	11.03%	0.498%
39	8.087	1014	1020	1021	rBV4	7177459	10713185	27.00%	1.218%
40	8.116	1021	1025	1027	rVV2	15413198	17516382	44.14%	1.991%
41	8.145	1027	1030	1033	rVV2	11279902	13028918	32.83%	1.481%
42	8.175	1033	1035	1036	rVV	8365655	6722693	16.94%	0.764%
43	8.192	1036	1038	1040	rVB	9415285	8448954	21.29%	0.961%
44	8.216	1040	1042	1045	rVB2	5529251	4213097	10.62%	0.479%
45	8.298	1049	1056	1058	rBV4	5451132	10745576	27.08%	1.222%
46	8.328	1058	1061	1064	rVB2	11384318	11431692	28.81%	1.300%
47	8.369	1064	1068	1071	rBV4	6369625	7551894	19.03%	0.859%
48	8.404	1071	1074	1075	rBV	7290812	6162331	15.53%	0.701%
49	8.422	1075	1077	1080	rVV3	8937856	9746356	24.56%	1.108%
50	8.445	1080	1081	1084	rVB2	5518382	4542858	11.45%	0.516%
51	8.481	1084	1087	1089	rBV2	8524276	7489432	18.87%	0.851%
52	8.516	1089	1093	1095	rBV2	11705364	11307747	28.50%	1.286%
53	8.563	1095	1101	1105	rBV3	14069199	18711665	47.16%	2.127%
54	8.598	1105	1107	1110	rVB2	5305710	4608865	11.62%	0.524%
55	8.639	1110	1114	1117	rBV	16744364	20955661	52.81%	2.382%
56	8.728	1125	1129	1133	rBV4	9147075	12345501	31.11%	1.403%
57	8.775	1135	1137	1138	rVV	4489852	4311461	10.87%	0.490%
58	8.792	1138	1140	1143	rVV2	8855659	10072232	25.38%	1.145%
59	8.828	1143	1146	1147	rVV	5651799	5519739	13.91%	0.628%
60	8.857	1147	1151	1153	rVB	14757728	16518819	41.63%	1.878%
61	8.881	1153	1155	1158	rBV2	3939413	3692533	9.31%	0.420%
62	8.963	1158	1169	1173	rBV4	16531106	39680166	100.00%	4.511%
63	9.128	1195	1197	1198	rBV	4399969	3527019	8.89%	0.401%
64	9.163	1199	1203	1206	rVB3	12519757	15654054	39.45%	1.780%
65	9.298	1220	1226	1229	rBV4	8144724	13908062	35.05%	1.581%
66	9.363	1231	1237	1240	rBV2	6581165	10837731	27.31%	1.232%
67	9.404	1242	1244	1250	rVB2	5908971	7495461	18.89%	0.852%
68	9.481	1251	1257	1260	rVB2	12080942	20838521	52.52%	2.369%
69	9.551	1263	1269	1272	rBV3	12262731	22705172	57.22%	2.581%
70	9.581	1272	1274	1276	rVV2	9312530	10937036	27.56%	1.243%
71	9.616	1276	1280	1282	rVV3	14697547	18328322	46.19%	2.084%
72	9.639	1282	1284	1286	rVB3	6167714	4952801	12.48%	0.563%
73	9.669	1286	1289	1294	rVB4	9613168	10585533	26.68%	1.203%
74	9.751	1300	1303	1307	rVB4	4540395	6289653	15.85%	0.715%
75	9.804	1309	1312	1313	rVV3	3477849	3140652	7.91%	0.357%
76	9.822	1313	1315	1319	rVB3	6747382	6701919	16.89%	0.762%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 105-SB-2(S)

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.869	1319	1323	1328	rBV6	7491056	12477652	31.45%	1.419%
78	9.928	1328	1333	1335	rBV3	4206735	5995362	15.11%	0.682%
79	9.992	1341	1344	1349	rVB	8351019	10918359	27.52%	1.241%
80	10.086	1357	1360	1366	rVV5	9344134	15760692	39.72%	1.792%
81	10.139	1366	1369	1377	rVB5	10456151	19505277	49.16%	2.217%
82	10.210	1377	1381	1383	rBV2	7312074	8901893	22.43%	1.012%
83	10.239	1383	1386	1388	rVV	5086938	4021706	10.14%	0.457%
84	10.298	1393	1396	1398	rBV3	4543010	5414546	13.65%	0.616%
85	10.322	1398	1400	1402	rVB3	6292642	5307585	13.38%	0.603%
86	10.380	1407	1410	1414	rVB5	4253962	6086443	15.34%	0.692%
87	10.428	1415	1418	1420	rBV3	5423732	5861563	14.77%	0.666%
88	10.545	1435	1438	1442	rVB	13325481	13805222	34.79%	1.569%
89	10.586	1442	1445	1450	rVB4	4207226	5532241	13.94%	0.629%
90	10.657	1454	1457	1459	rBV2	5084856	3786681	9.54%	0.430%
91	10.816	1478	1484	1489	rBV2	14247966	22728131	57.28%	2.584%
92	11.016	1515	1518	1521	rVB2	6161118	6400552	16.13%	0.728%
93	11.275	1558	1562	1567	rVB	12841410	16167615	40.74%	1.838%
94	11.616	1618	1620	1625	rVB2	4666877	4899280	12.35%	0.557%
95	11.698	1630	1634	1636	rBV3	2144935	3231246	8.14%	0.367%
96	11.904	1666	1669	1673	rVB	3927458	3957627	9.97%	0.450%
97	12.004	1684	1686	1690	rVB2	3038120	3140307	7.91%	0.357%
98	12.345	1741	1744	1747	rBV	3457654	3174945	8.00%	0.361%
99	12.422	1752	1757	1760	rBV2	3234116	4423643	11.15%	0.503%
100	12.945	1842	1846	1849	rBV	3706147	3712822	9.36%	0.422%

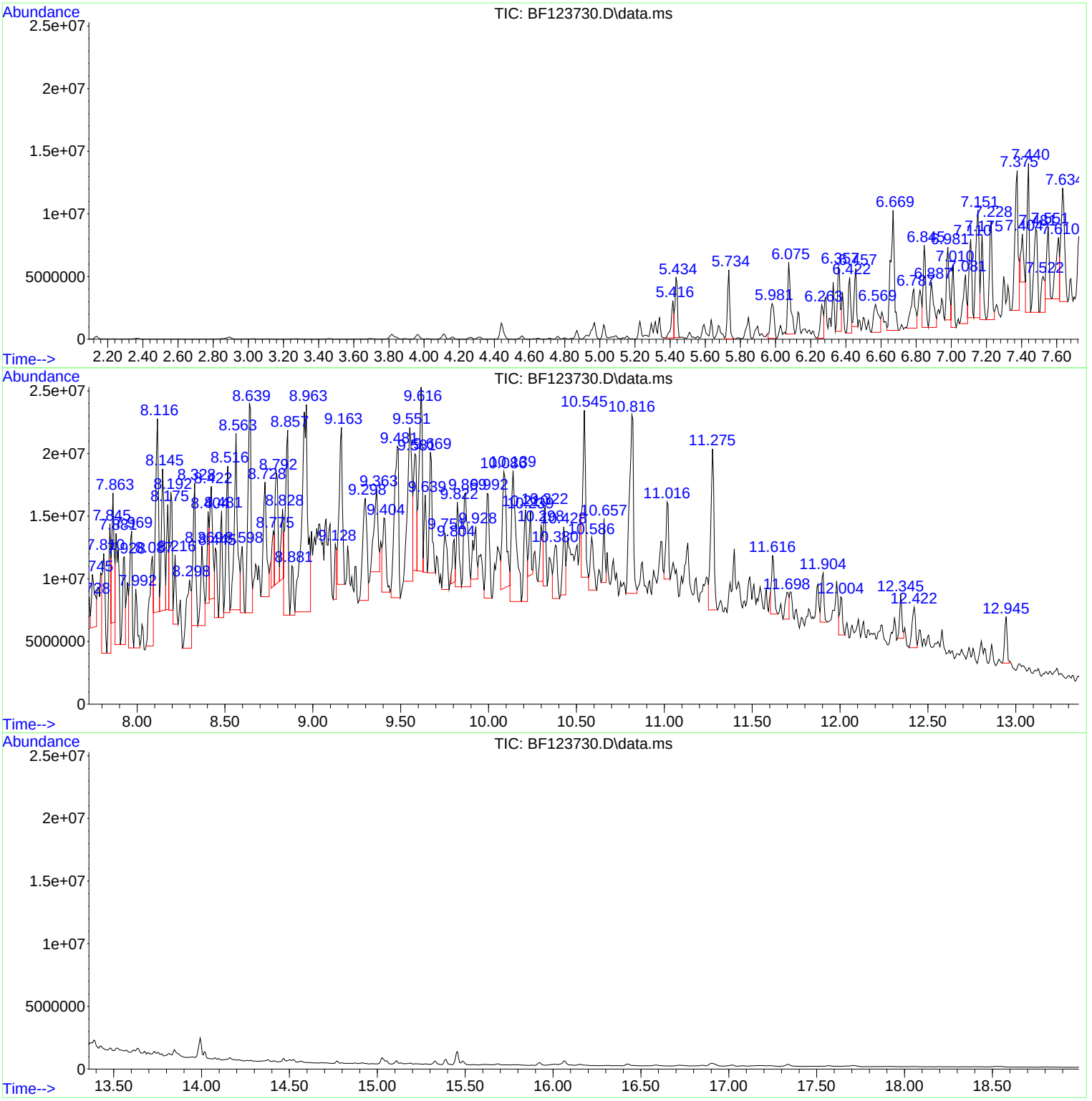
Sum of corrected areas: 879636335

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

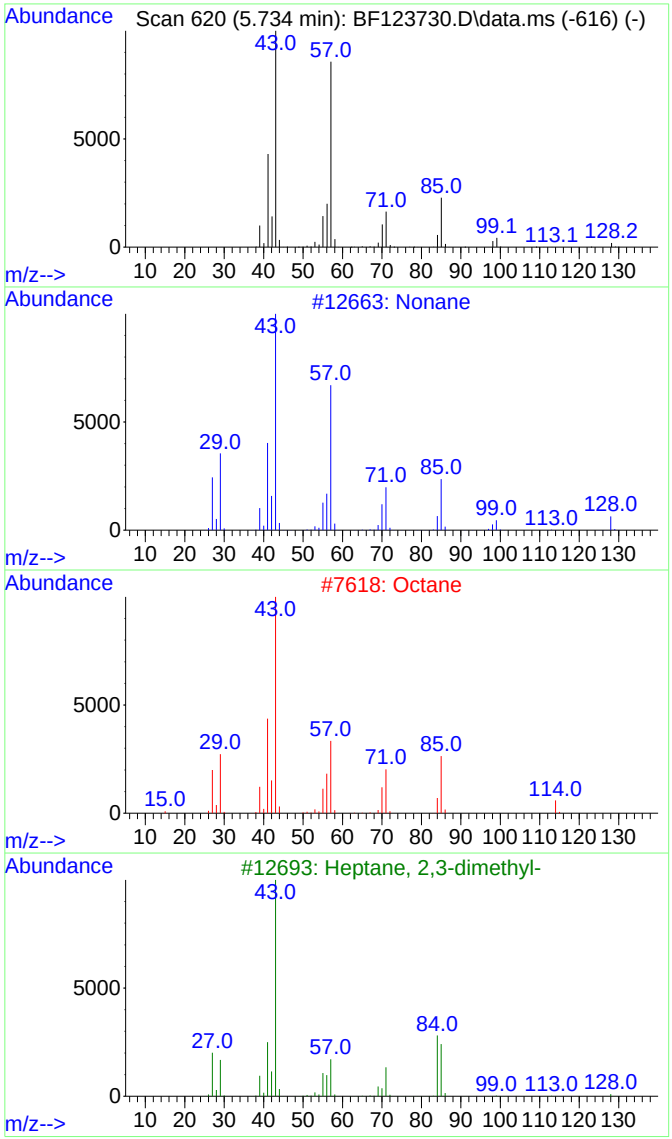
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

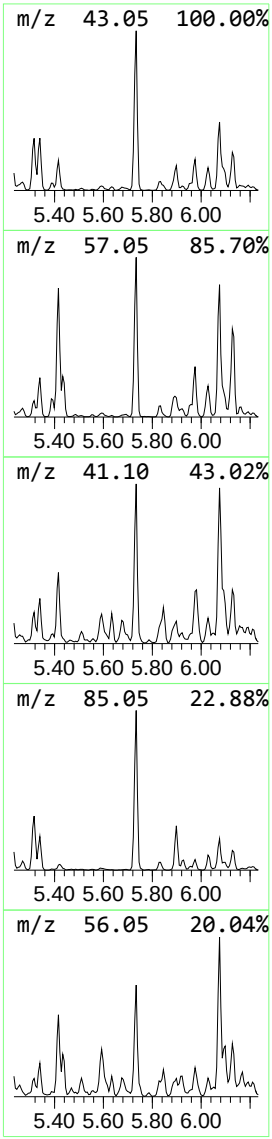
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	15.98 ng	5000160	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	78
2	Octane	114	C8H18	000111-65-9	64
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	58
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

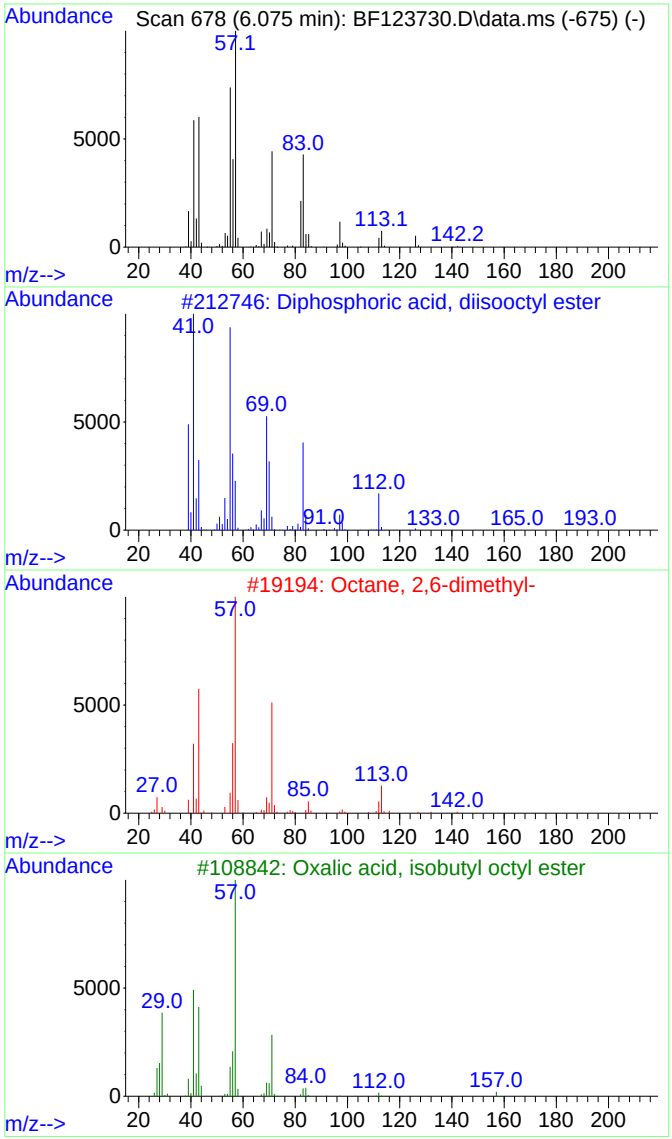
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

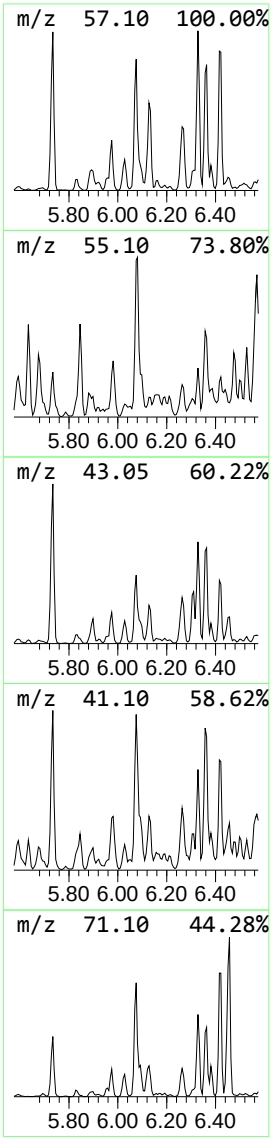
****

Peak Number 2 unknown6.075 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	21.63 ng	6766520	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	38
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	30
3	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	27
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	27
5	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

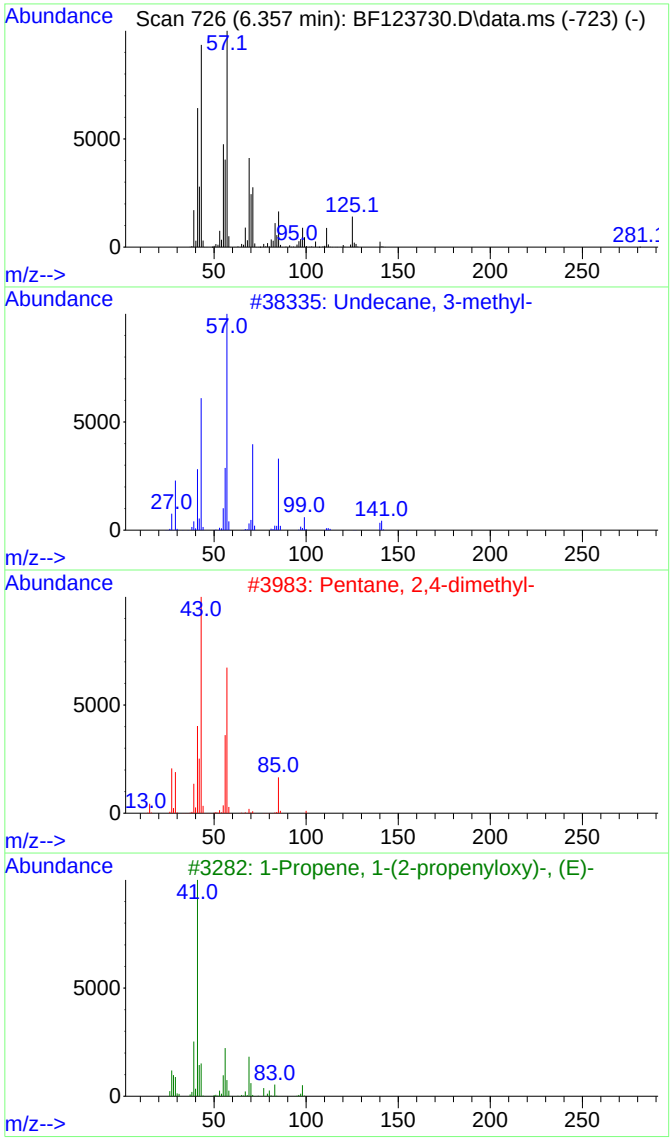
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

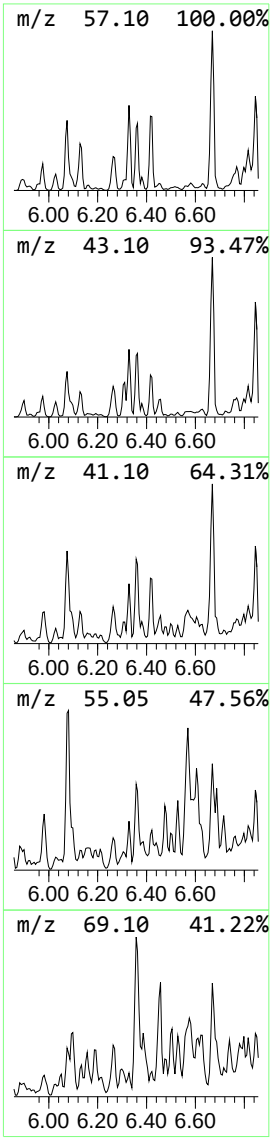
****

Peak Number 3 unknown6.357 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	18.62 ng	5824890	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	46
3	1-Propene, 1-(2-propenyloxy)-, (E)-	98	C6H10O	061142-13-0	43
4	2-Azacyclooctanone	127	C7H13NO	000673-66-5	43
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

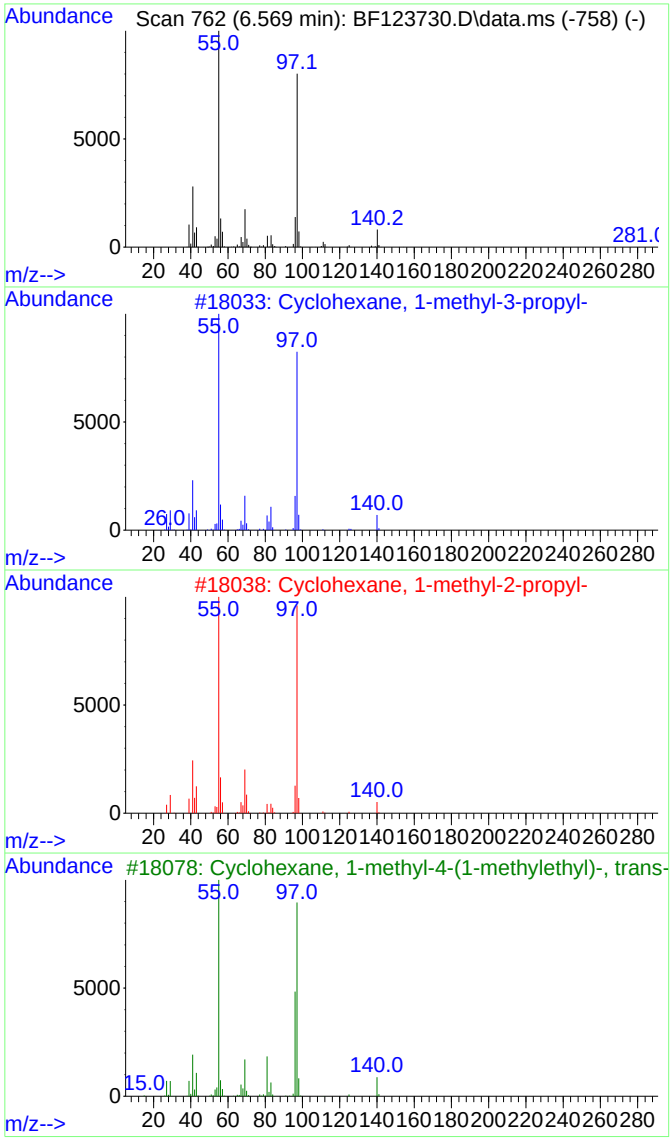
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

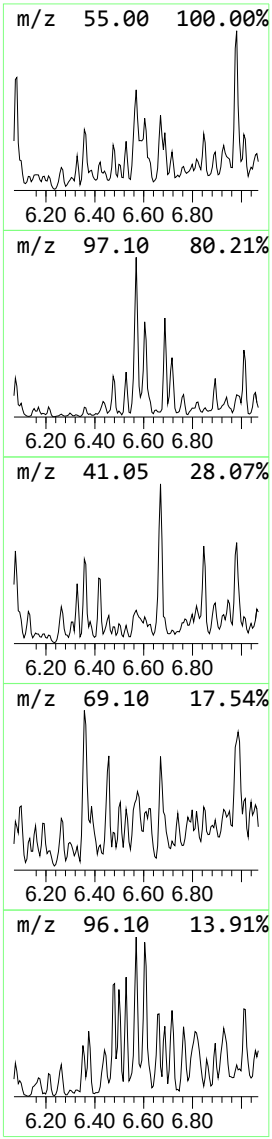
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-methyl-3-pro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	14.80 ng	4630150	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	91
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	87
4	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	86
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

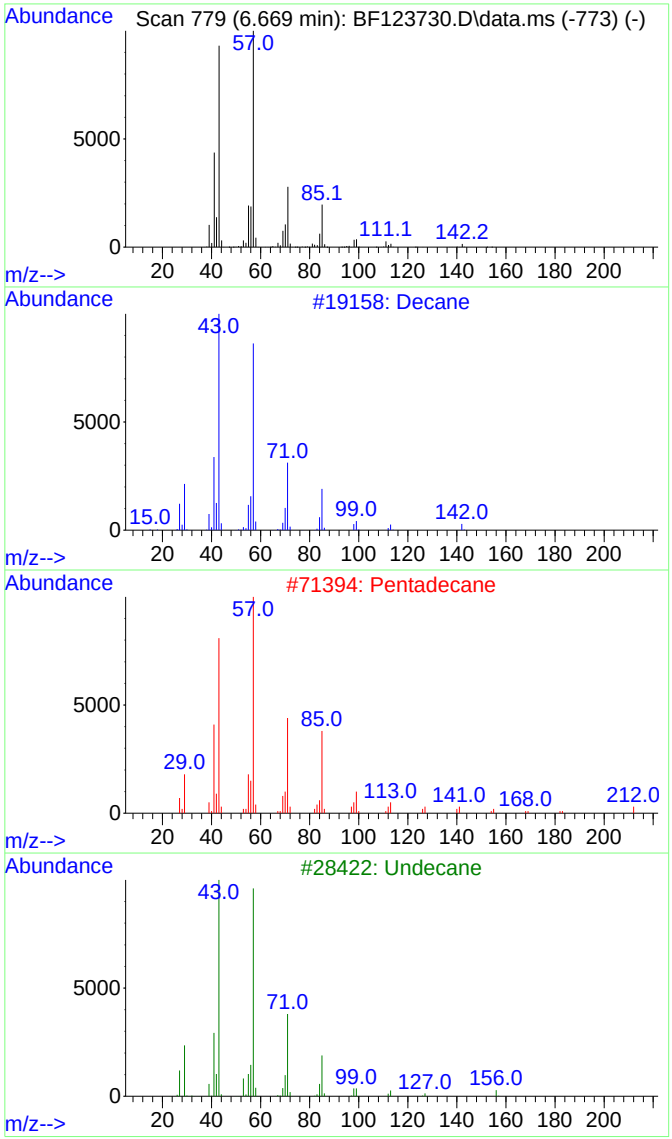
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

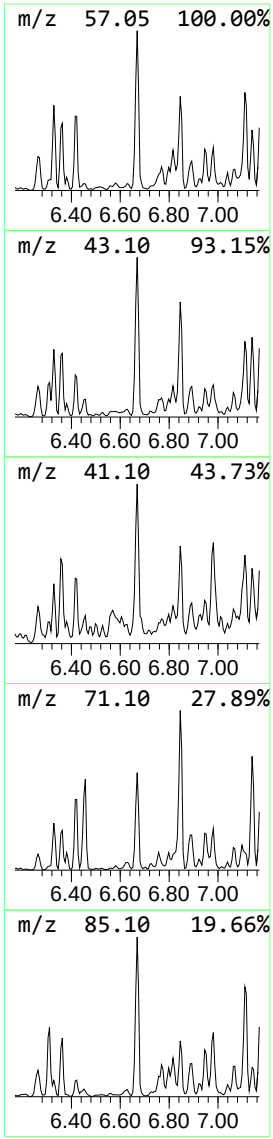
****

Peak Number 5 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.669	45.21 ng	14142700	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	83
2	Pentadecane	212	C15H32	000629-62-9	78
3	Undecane	156	C11H24	001120-21-4	78
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

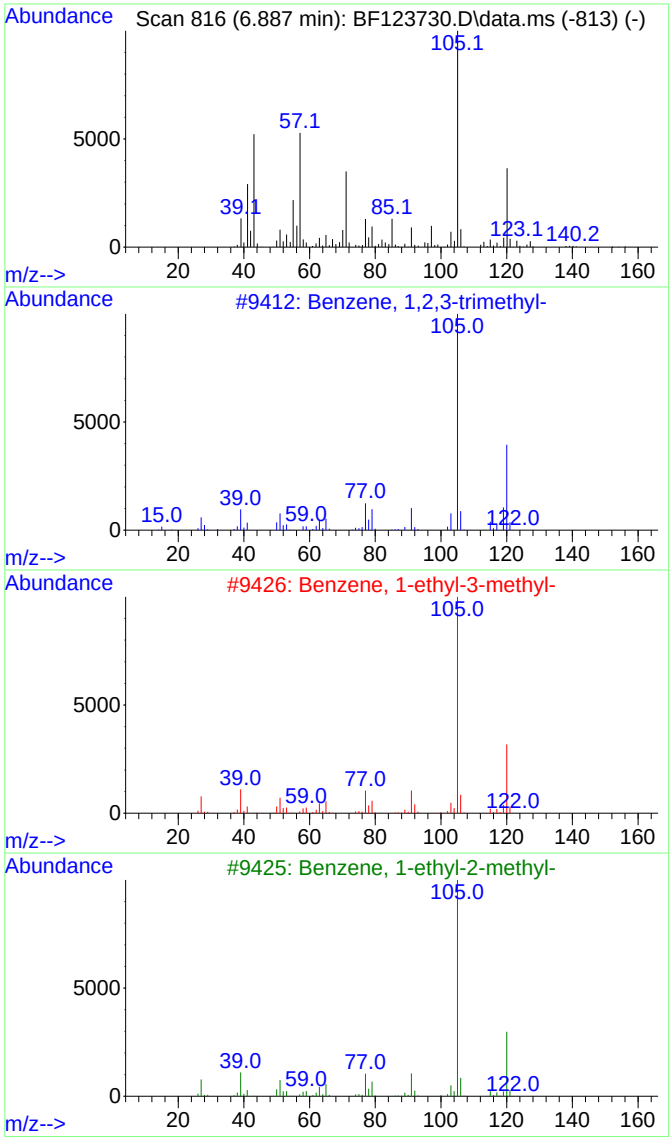
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

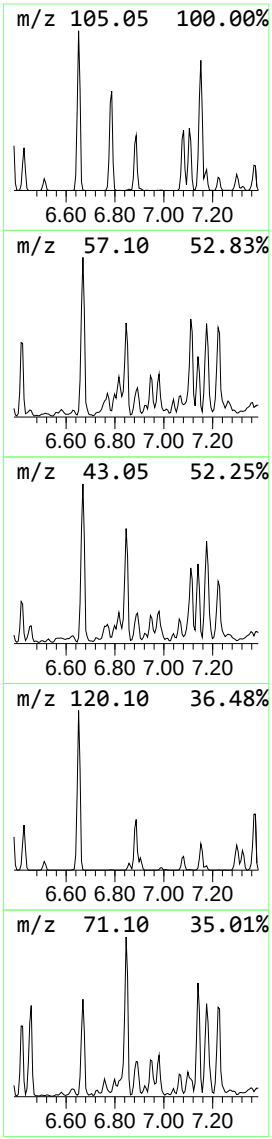
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.887	16.62 ng	5200410	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	78
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
5	Mesitylene	120	C9H12	000108-67-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

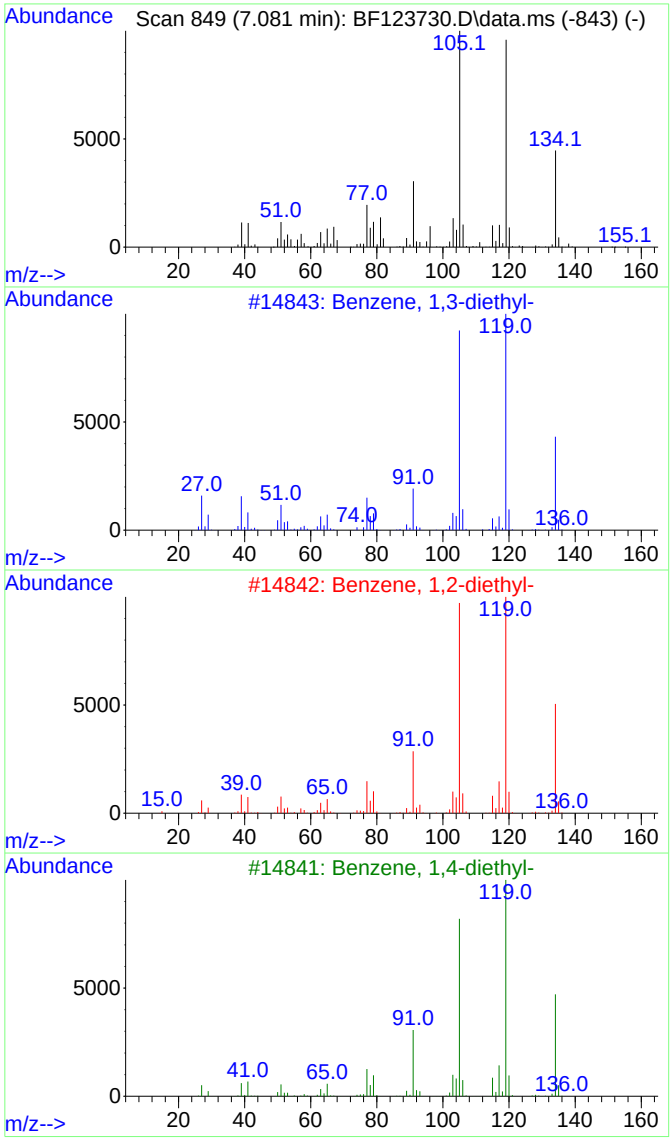
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

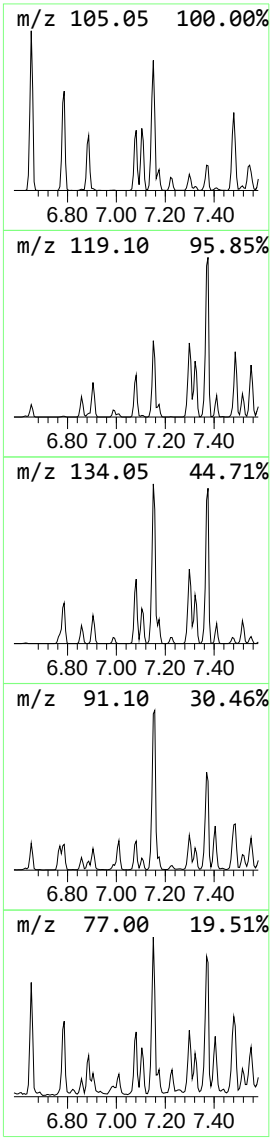
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	16.87 ng	5277130	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

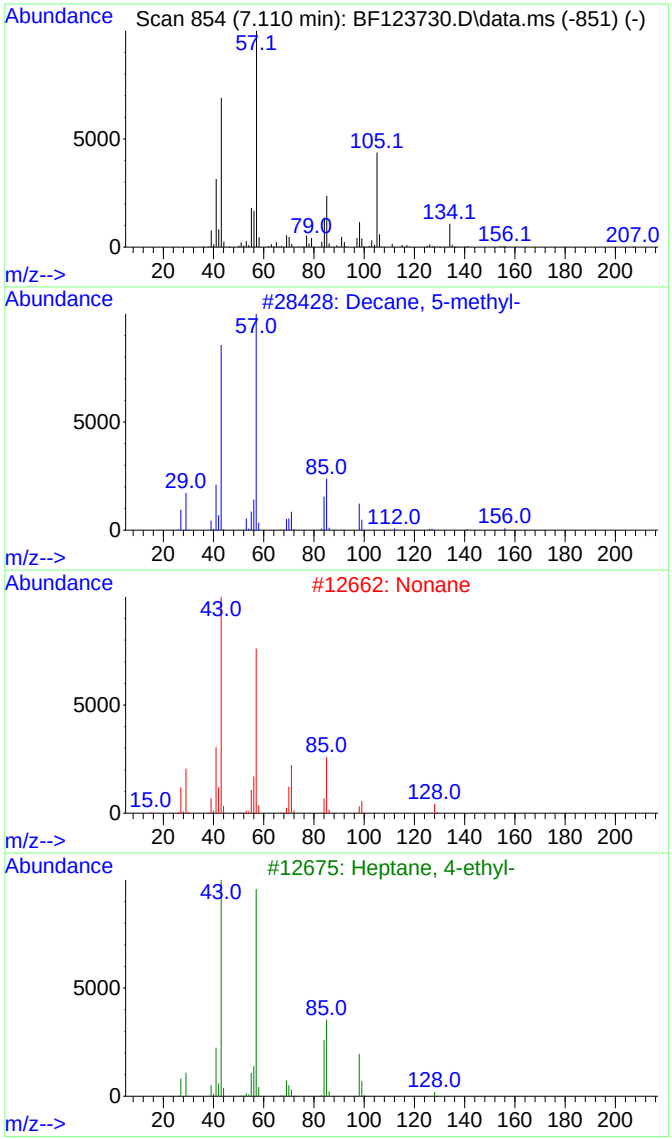
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

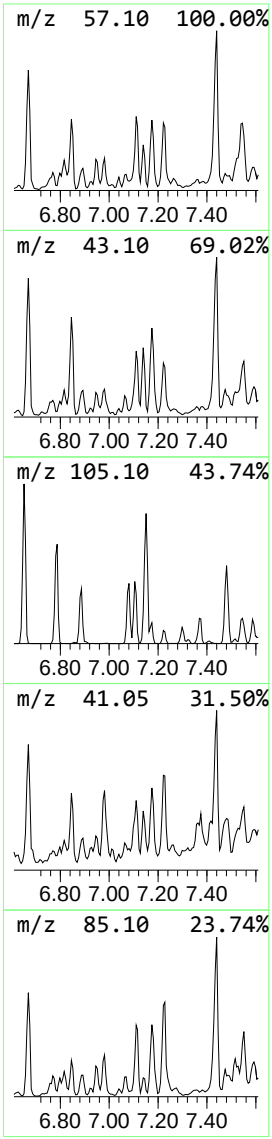
****

Peak Number 8 Decane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	21.28 ng	6655540	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Nonane	128	C9H20	000111-84-2	47
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43
5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

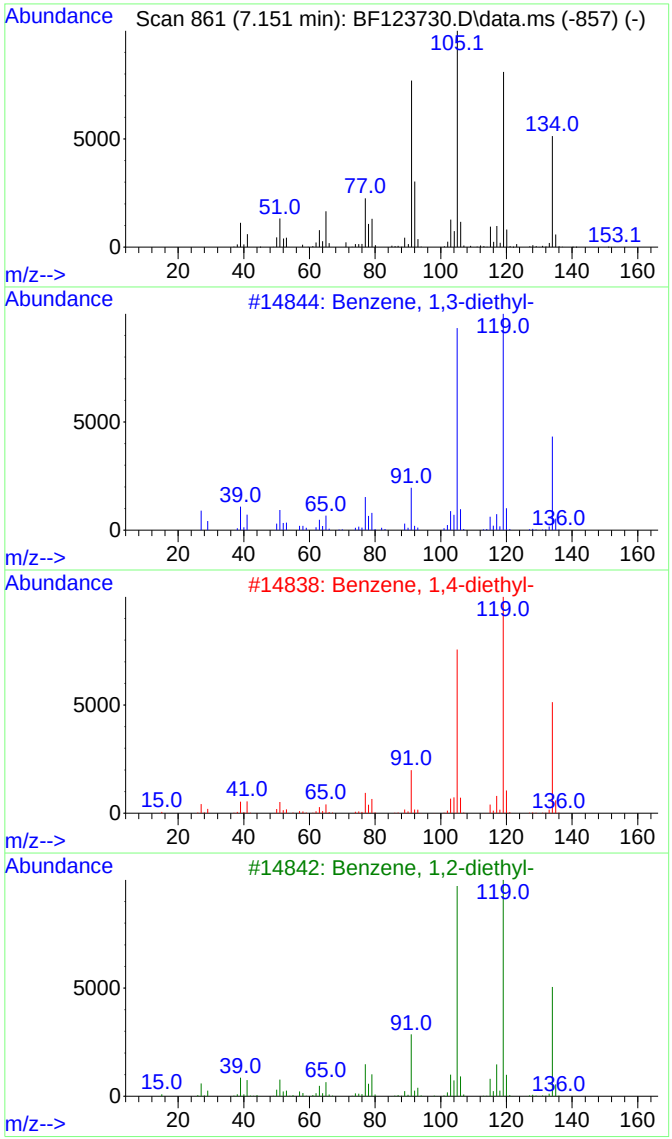
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

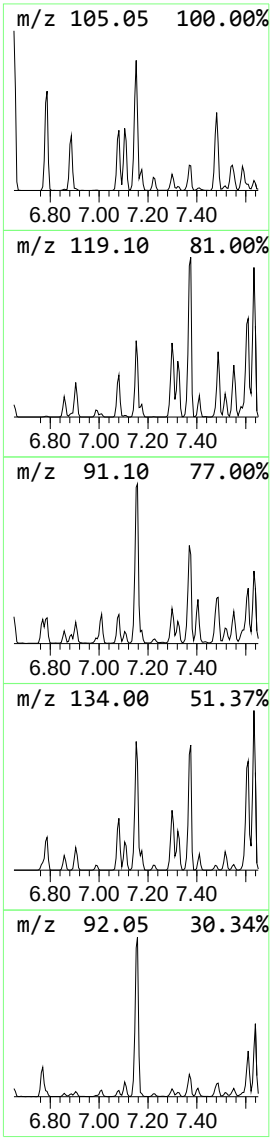
****

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.151	35.23 ng	11019500	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

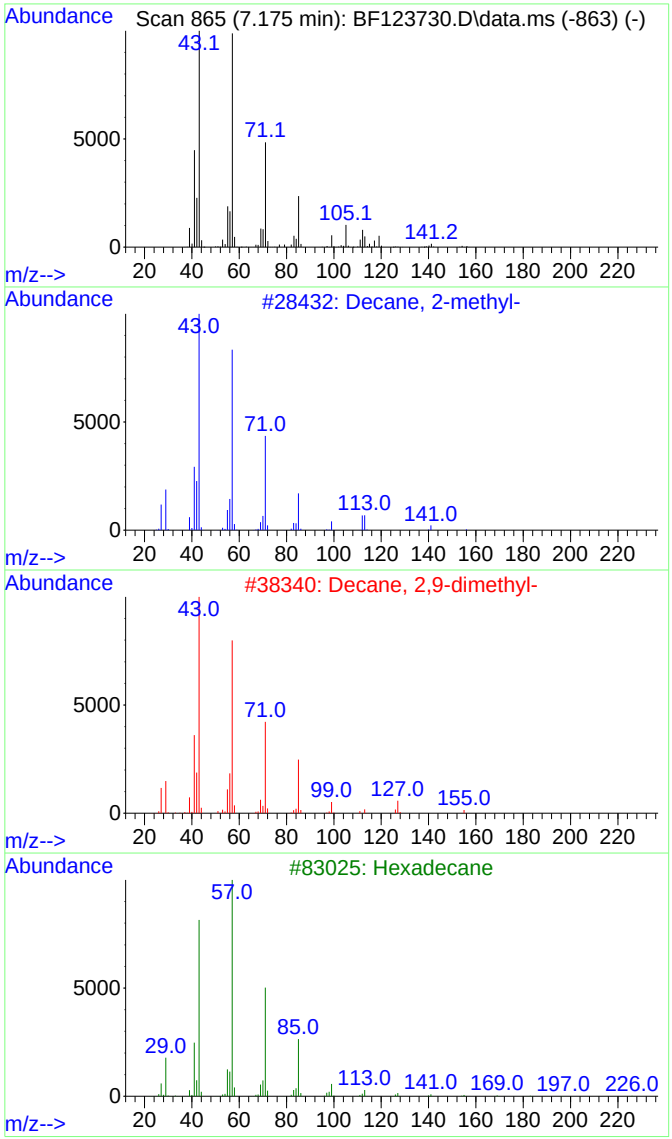
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

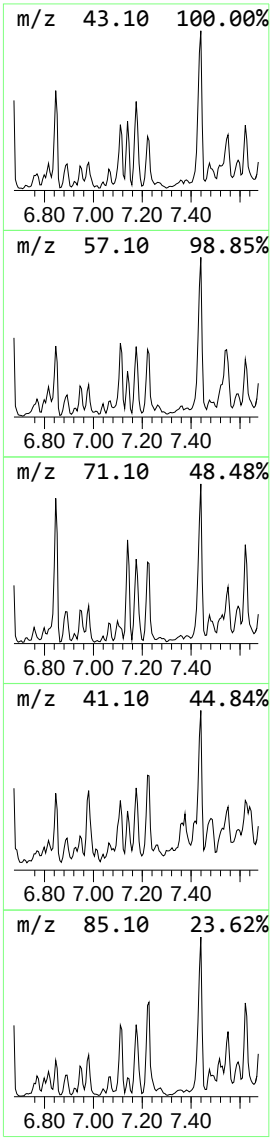
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	19.90 ng	6225290	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	81
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3	Hexadecane	226	C16H34	000544-76-3	53
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

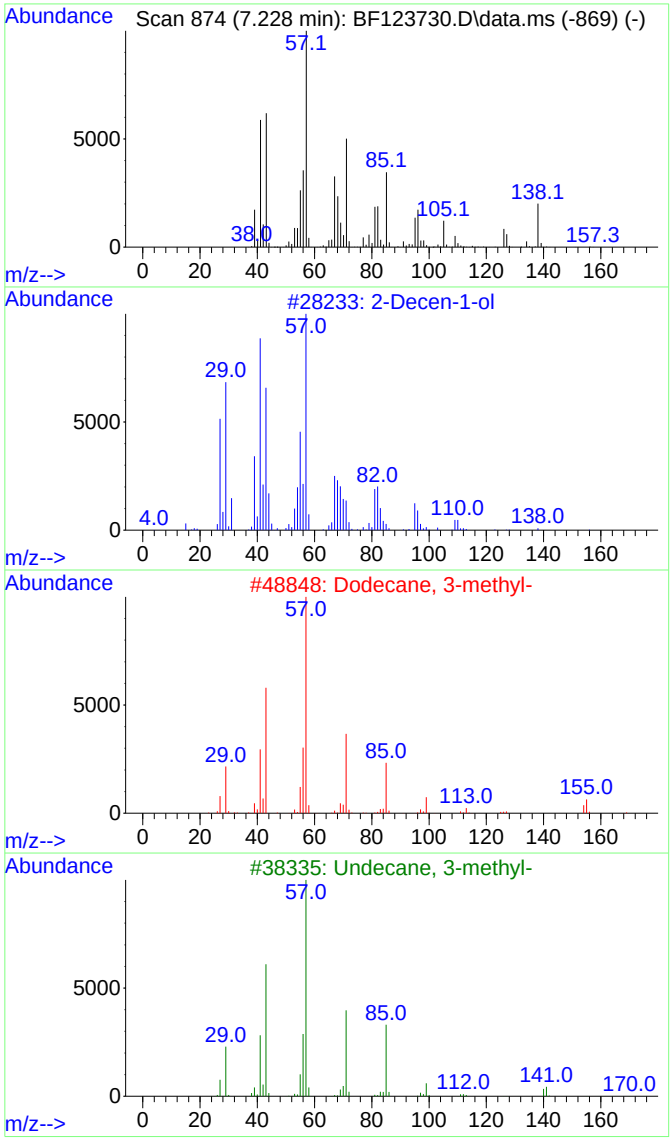
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

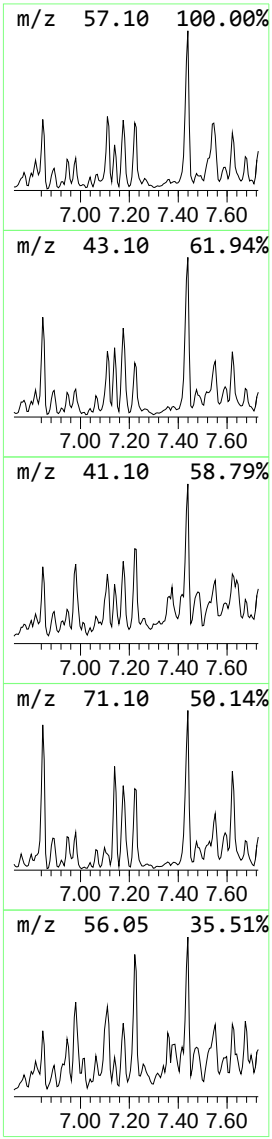
****

Peak Number 11 unknown7.228 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	27.59 ng	8632390	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decen-1-ol	156	C10H20O	022104-80-9	46
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
4	Decane, 3-methyl-	156	C11H24	013151-34-3	43
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

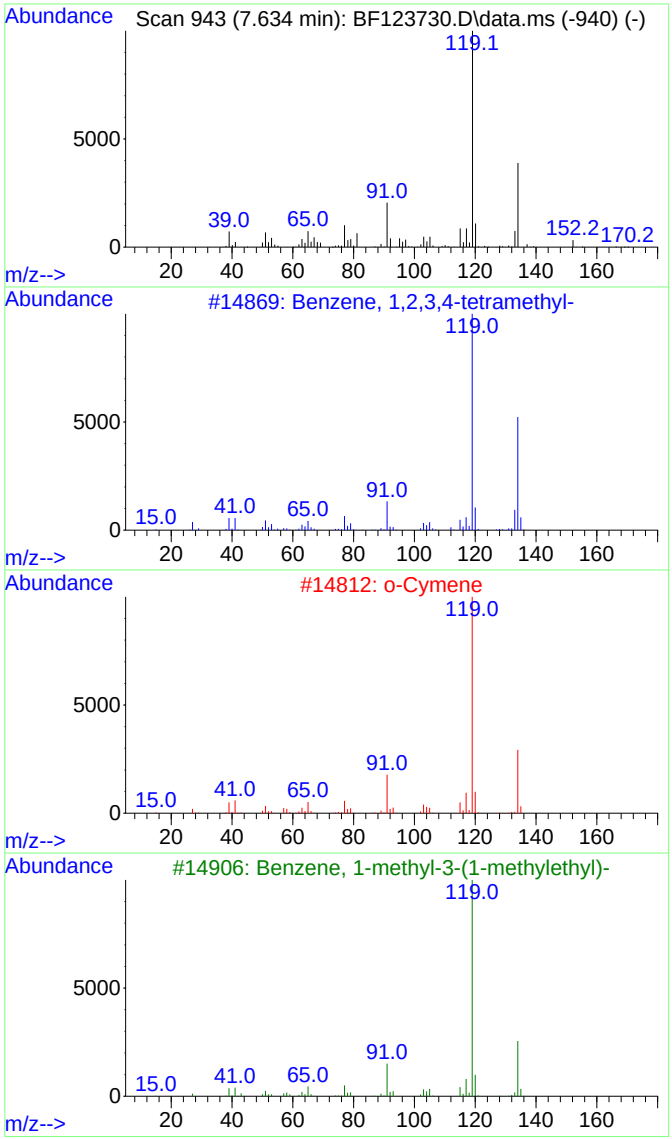
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

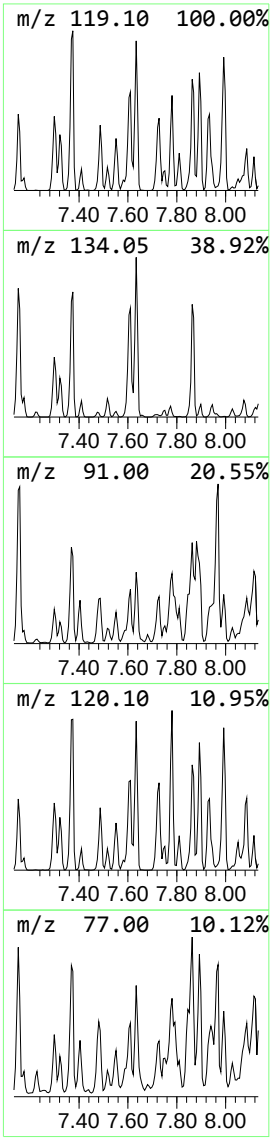
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	14.45 ng	12656500	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

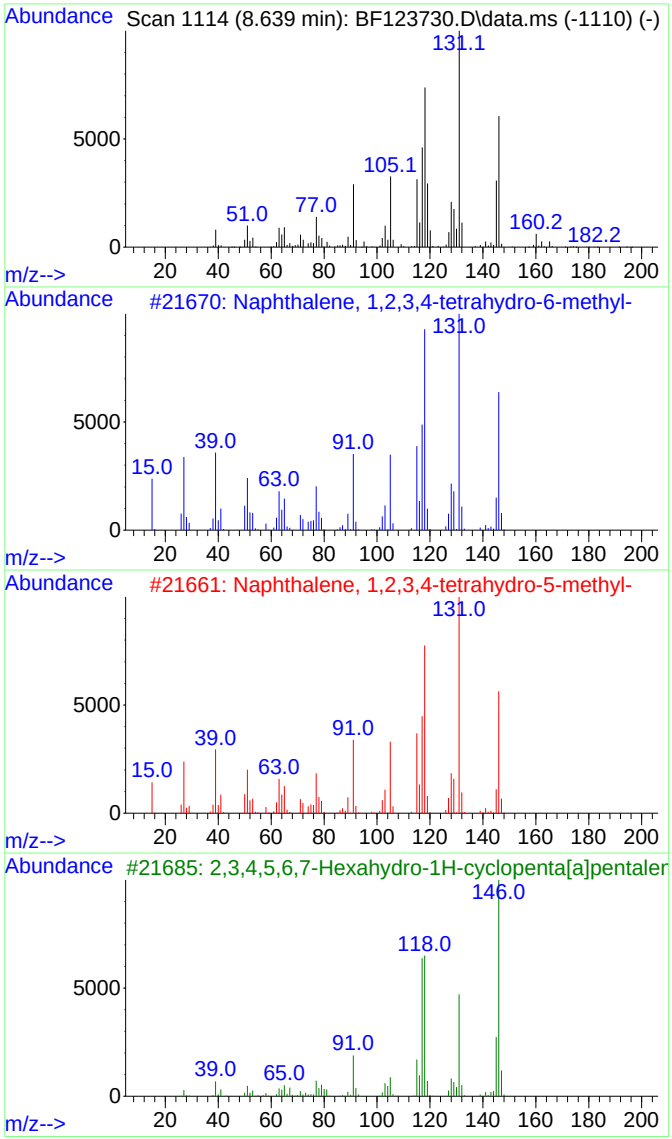
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

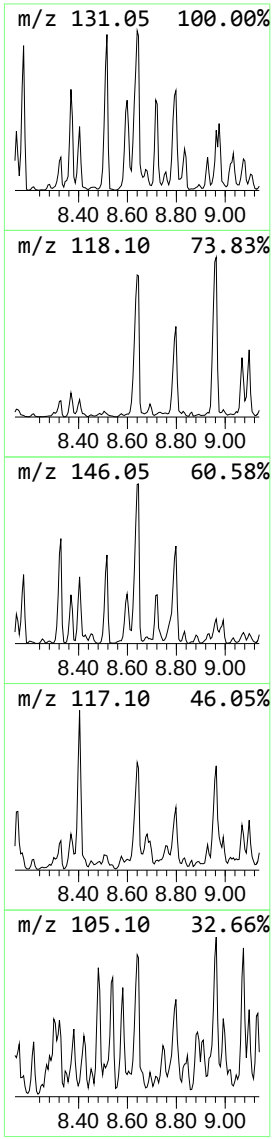
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.639	23.93 ng	20955700	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

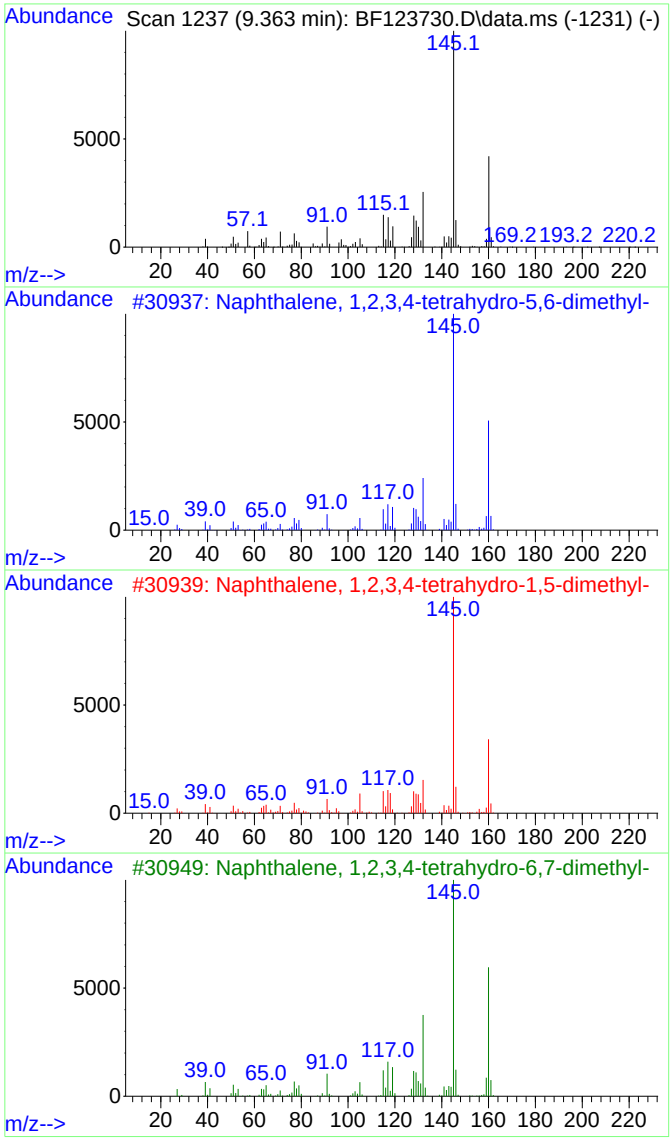
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

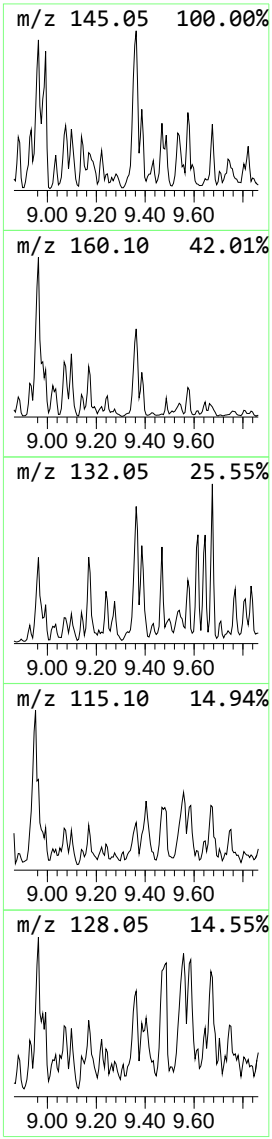
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	17.37 ng	10837700	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

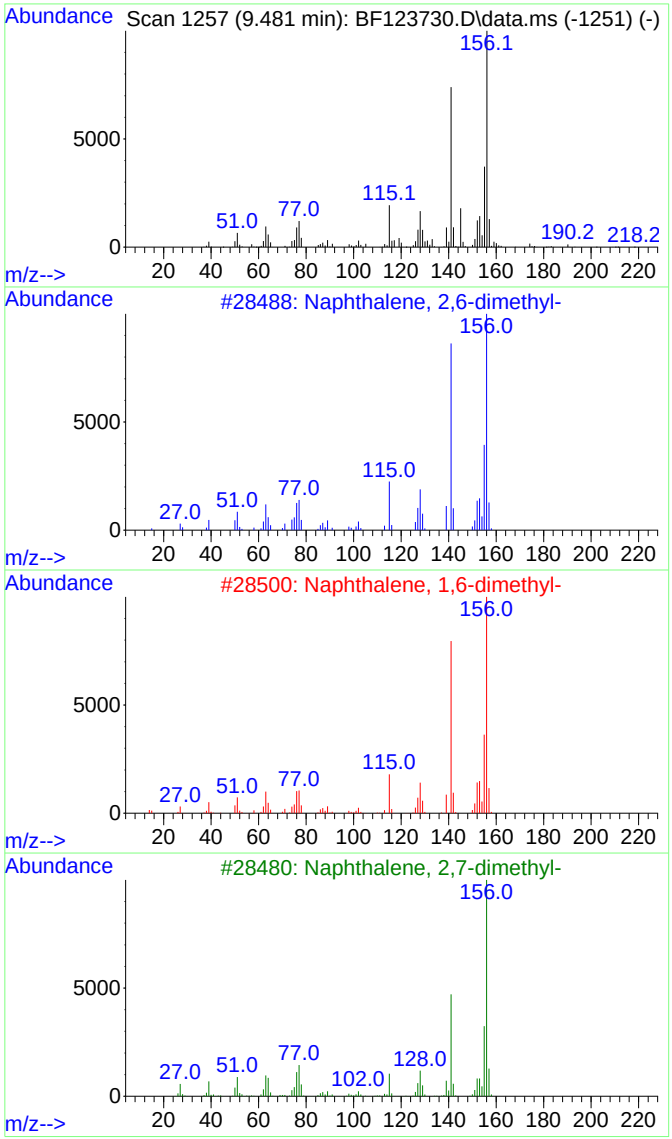
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

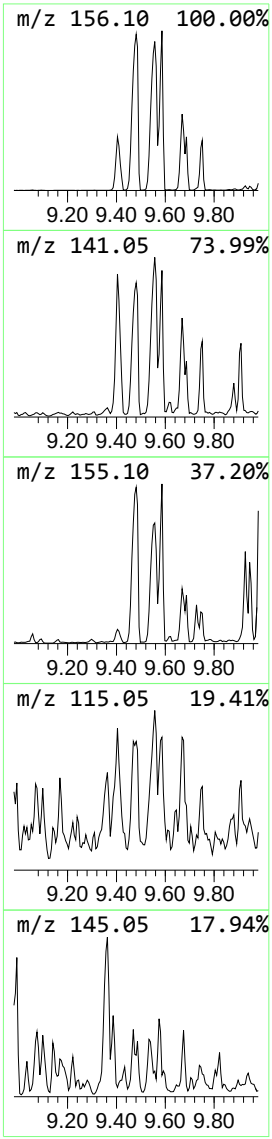
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	33.40 ng	20838500	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

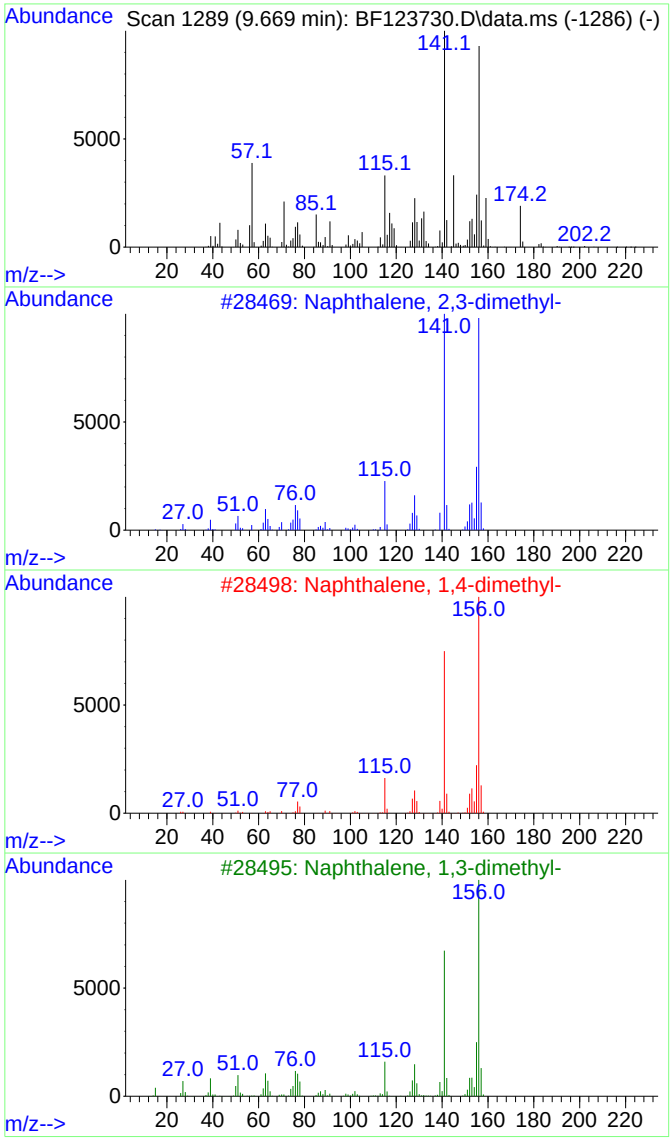
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

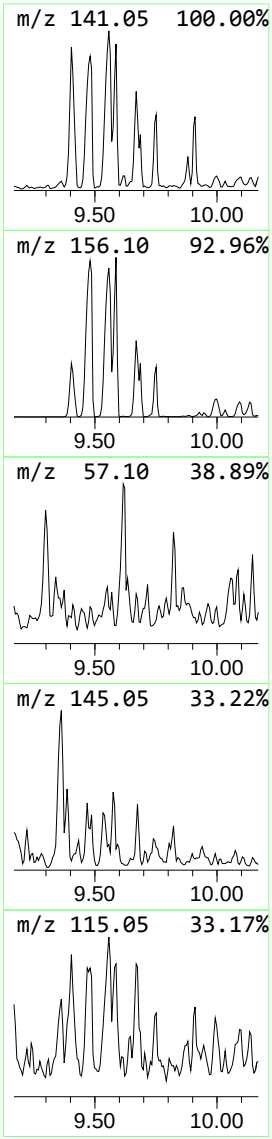
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	16.97 ng	10585500	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

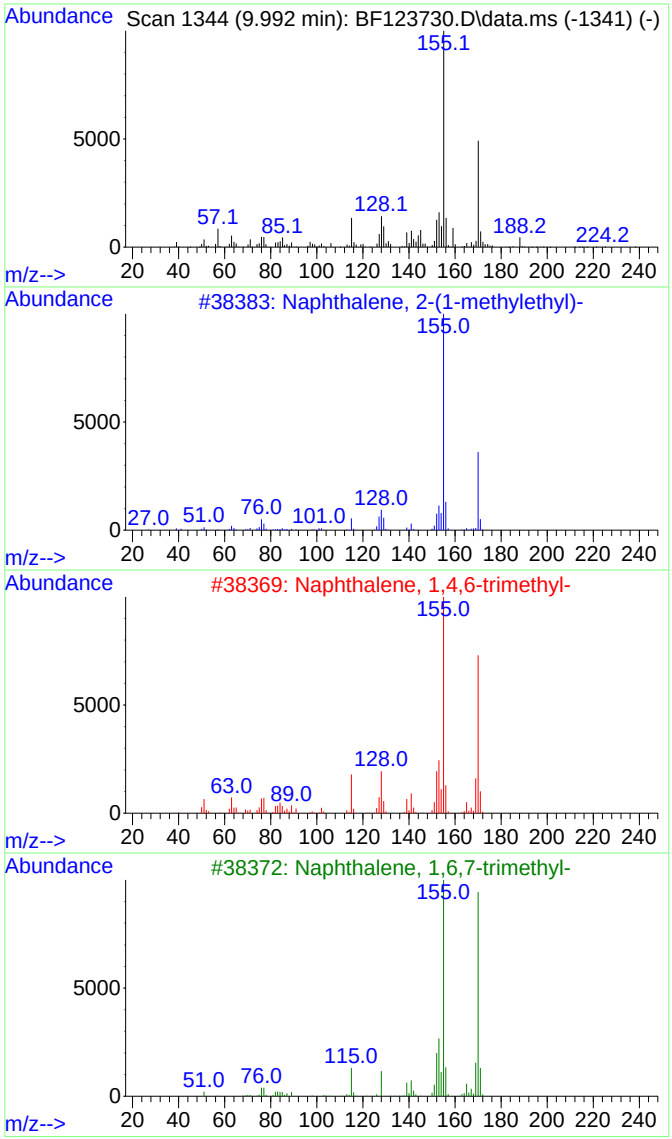
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

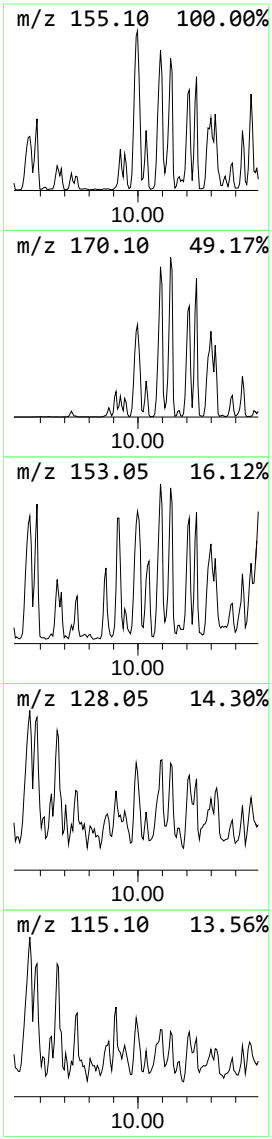
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	17.50 ng	10918400	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

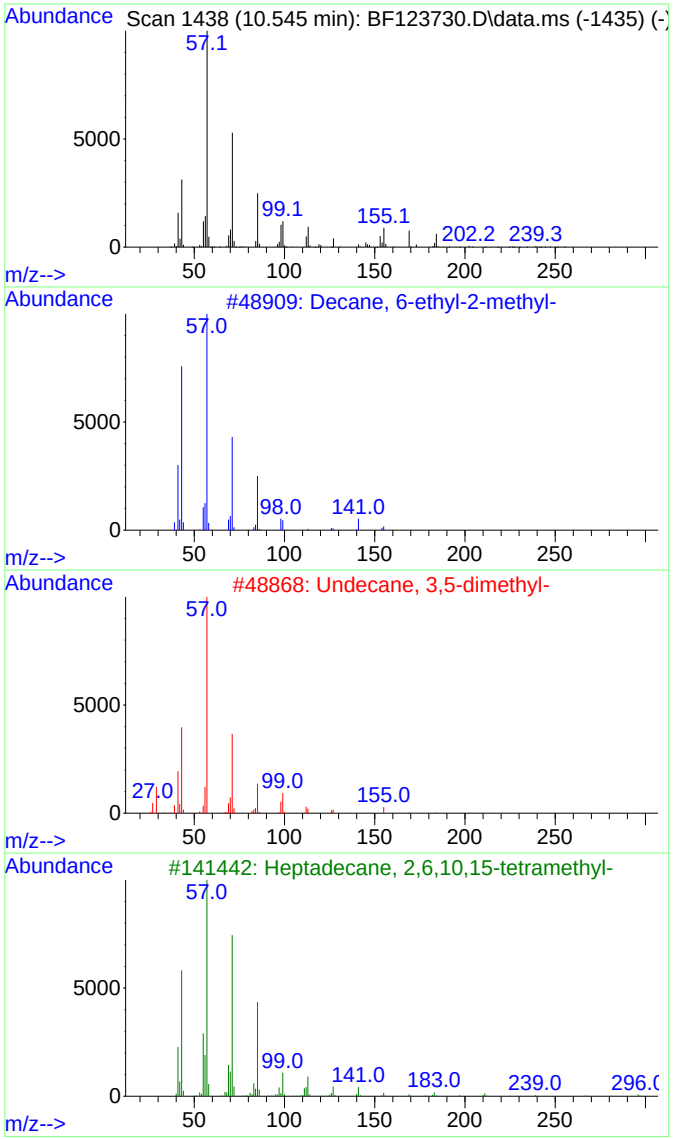
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

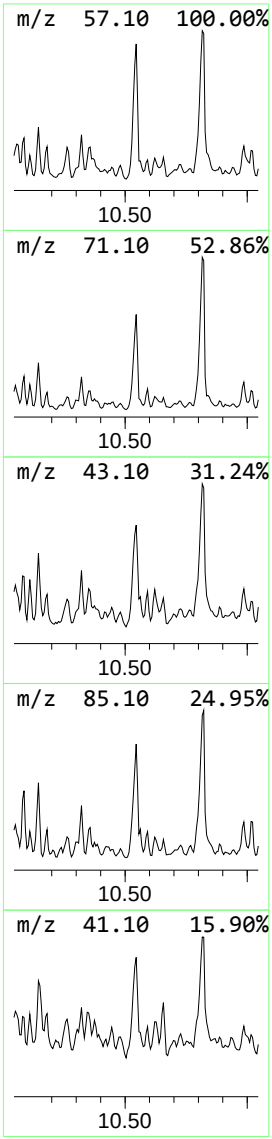
****

Peak Number 18 Decane, 6-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	22.13 ng	13805200	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
4	Tridecane	184	C13H28	000629-50-5	52
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

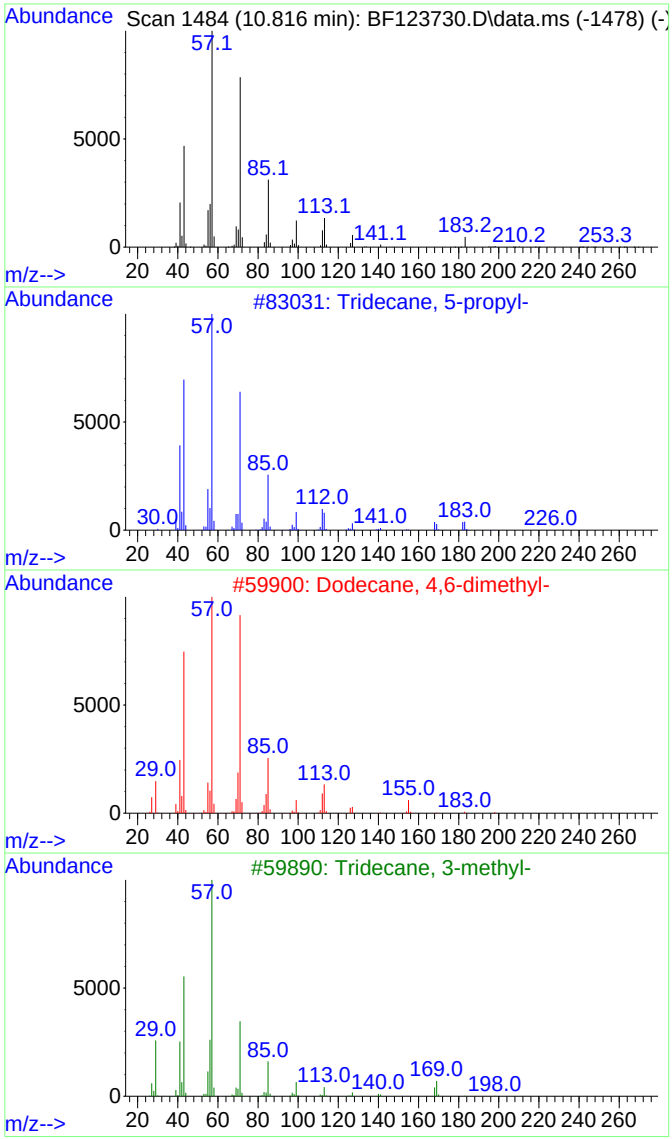
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

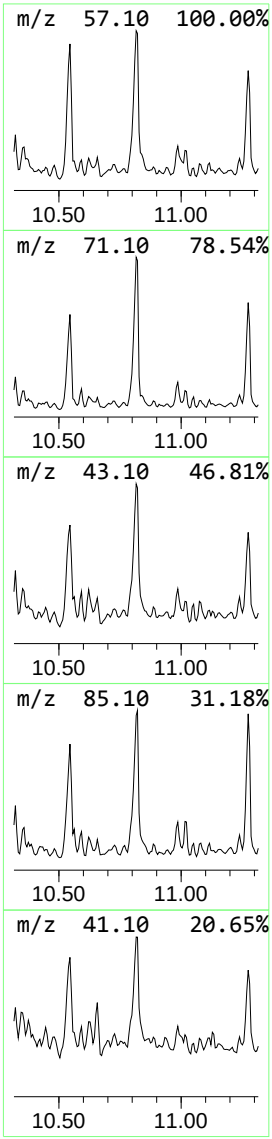
****

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	28.12 ng	22728100	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

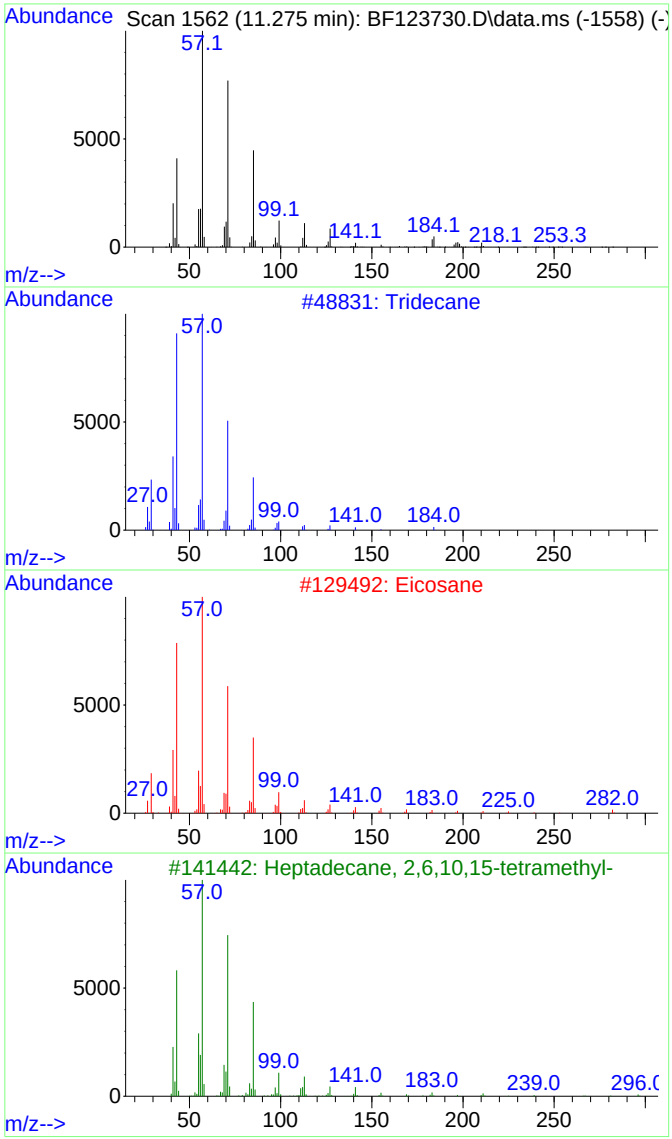
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

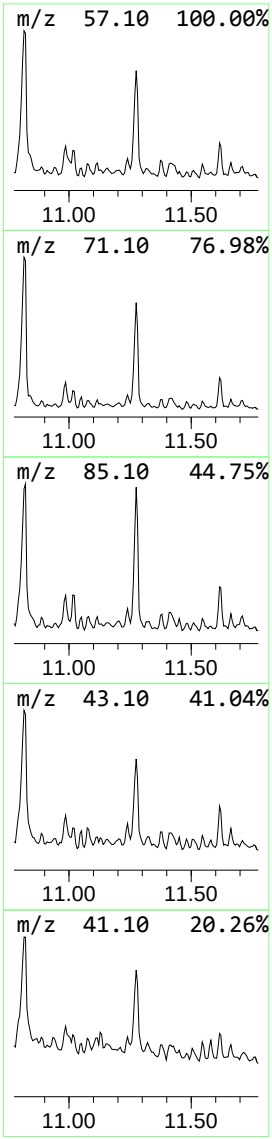
****

Peak Number 20 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	20.00 ng	16167600	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	78
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123730.D
Acq On : 24 Apr 2021 22:01
Operator : JU/CG
Sample : M2020-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	5.734	16.0	ng	5000160	1	6.828	6256540	20.0
unknown6.075	6.075	21.6	ng	6766520	1	6.828	6256540	20.0
unknown6.357	6.357	18.6	ng	5824890	1	6.828	6256540	20.0
Cyclohexane, 1-...	6.569	14.8	ng	4630150	1	6.828	6256540	20.0
Decane	6.669	45.2	ng	14142700	1	6.828	6256540	20.0
Benzene, 1,2,3-...	6.887	16.6	ng	5200410	1	6.828	6256540	20.0
Benzene, 1,3-di...	7.081	16.9	ng	5277130	1	6.828	6256540	20.0
Decane, 5-methyl-	7.110	21.3	ng	6655540	1	6.828	6256540	20.0
Benzene, 1,4-di...	7.151	35.2	ng	11019500	1	6.828	6256540	20.0
Decane, 2-methyl-	7.175	19.9	ng	6225290	1	6.828	6256540	20.0
unknown7.228	7.228	27.6	ng	8632390	1	6.828	6256540	20.0
Benzene, 1,2,3,...	7.634	14.4	ng	12656500	2	8.122	17516400	20.0
Naphthalene, 1,...	8.639	23.9	ng	20955700	2	8.122	17516400	20.0
Naphthalene, 1,...	9.363	17.4	ng	10837700	3	9.886	12477700	20.0
Naphthalene, 2,...	9.481	33.4	ng	20838500	3	9.886	12477700	20.0
Naphthalene, 2,...	9.669	17.0	ng	10585500	3	9.886	12477700	20.0
Naphthalene, 2-...	9.992	17.5	ng	10918400	3	9.886	12477700	20.0
Decane, 6-ethyl...	10.545	22.1	ng	13805200	3	9.886	12477700	20.0
Tridecane, 5-pr...	10.816	28.1	ng	22728100	4	11.369	16167600	20.0
Tridecane	11.275	20.0	ng	16167600	4	11.369	16167600	20.0