LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127816.D
Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-15-1-1

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	471	477	480	rBV2	87689	136950	7.37%	0.368%
2	5.122	480	482	487	rVB	130793	124063	6.67%	0.334%
3	5.175	487	491	495	rBV	282132	291321	15.67%	0.783%
4	5.369	519	524	528	rBV2	164007	262088	14.10%	0.705%
5	5.445	533	537	539	rBV2	92556	103051	5.54%	0.277%
6	5.563	551	557	561	rVB3	274068	435630	23.43%	1.171%
7	5.645	568	571	574	rBV	119219	120534	6.48%	0.324%
8	5.722	580	584	586	rBV	239991	298193	16.04%	0.802%
9	5.769	589	592	595	rVV	335776	273642	14.72%	0.736%
10	5.810	595	599	605	rVV3	271685	425658	22.89%	1.144%
11	5.875	608	610	614	rVB	146083	118724	6.39%	0.319%
12	5.975	620	627	630	rBV3	383849	584342	31.43%	1.571%
13	6.016	630	634	638	rBV3	254570	369378	19.87%	0.993%
14	6.075	641	644	645	rVV2	100184	101297	5.45%	0.272%
15	6.092	645	647	648	rVV	305596	237623	12.78%	0.639%
16	6.110	648	650	653	rVV3	495482	485035	26.09%	1.304%
17	6.145	653	656	660	rVV3	175876	192168	10.34%	0.517%
18	6.204	660	666	671	rVV2	958961	1859210	100.00%	4.999%
19	6.251	671	674	676	rVV	493552	485246	26.10%	1.305%
20	6.287	676	680	682	rVV4	150034	233408	12.55%	0.628%
21	6.310	682	684	687	rVB	178460	163867	8.81%	0.441%
22	6.340	687	689	692	rVB3	125466	122994	6.62%	0.331%
23	6.387	692	697	700	rBV3	493377	787617	42.36%	2.118%
24	6.416	700	702	704	rVV3	119273	135041	7.26%	0.363%
25	6.440	704	706	709	rVB	314659	264466	14.22%	0.711%
26	6.487	709	714	719	rBV3	986673	1732049	93.16%	4.657%
27	6.534	719	722	723	rVV2	113634	114589	6.16%	0.308%
28	6.551	723	725	731	rVB3	502236	628566	33.81%	1.690%
29	6.598	731	733	735	rBV	278876	195784	10.53%	0.526%
30	6.622	735	737	741	rVV2	376878	551045	29.64%	1.482%
31	6.687	744	748	753	rBV4	465257	862230	46.38%	2.318%
32	6.728	753	755	760	rVB2	436614	474693	25.53%	1.276%
33	6.775	760	763	767	rBV	1442711	1440359	77.47%	3.873%
34	6.804	767	768	771	rVB2	289840	209332	11.26%	0.563%
35	6.834	771	773	775	rBV	147342	140813	7.57%	0.379%
36	6.863	775	778	780	rBV3	133264	159406	8.57%	0.429%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
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Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.904	782	785	787	rVV3	271124	285328	15.35%	0.767%
38	6.951	790	793	796	rVB	1477264	1191266	64.07%	3.203%
39	7.004	799	802	804	rVV	595959	500042	26.90%	1.344%
40	7.051	808	810	814	rVB2	208251	236990	12.75%	0.637%
41	7.092	814	817	821	rBV3	609646	692004	37.22%	1.861%
42	7.128	821	823	825	rVB2	195779	146109	7.86%	0.393%
43	7.169	828	830	832	rBV	205007	172842	9.30%	0.465%
44	7.192	832	834	836	rBV2	175954	182928	9.84%	0.492%
45	7.216	836	838	841	rVB2	649765	577555	31.06%	1.553%
46	7.263	844	846	849	rBV	413846	361170	19.43%	0.971%
47	7.345	853	860	862	rBV3	433765	575091	30.93%	1.546%
48	7.369	862	864	869	rVB3	163575	199916	10.75%	0.538%
49	7.410	869	871	873	rBV	180846	174651	9.39%	0.470%
50	7.434	873	875	877	rVB	196925	147209	7.92%	0.396%
51	7.481	877	883	885	rBV3	493100	638405	34.34%	1.716%
52	7.516	885	889	891	rBV3	219134	301571	16.22%	0.811%
53	7.592	896	902	905	rBV5	375968	515898	27.75%	1.387%
54	7.634	905	909	915	rBV5	184535	395597	21.28%	1.064%
55	7.716	921	923	925	rBV	196648	138649	7.46%	0.373%
56	7.739	925	927	929	rBV2	173929	162609	8.75%	0.437%
57	7.828	935	942	943	rBV6	126914	190003	10.22%	0.511%
58	7.845	943	945	947	rVB2	196291	138136	7.43%	0.371%
59	7.869	947	949	953	rBV2	202503	238990	12.85%	0.643%
60	7.969	963	966	968	rVV	297775	278722	14.99%	0.749%
61	7.992	968	970	972	rVV2	129395	107537	5.78%	0.289%
62	8.045	975	979	982	rVV3	100083	114508	6.16%	0.308%
63	8.204	1003	1006	1008	rVV	222052	242013	13.02%	0.651%
64	8.234	1008	1011	1013	rVV	1090153	909769	48.93%	2.446%
65	8.251	1013	1014	1016	rVV	159107	121145	6.52%	0.326%
66	8.281	1016	1019	1022	rVB2	356516	309806	16.66%	0.833%
67	8.316	1022	1025	1027	rBV2	133232	141660	7.62%	0.381%
68	8.516	1056	1059	1064	rVB4	210054	230254	12.38%	0.619%
69	8.569	1064	1068	1071	rBV5	60764	107641	5.79%	0.289%
70	8.639	1078	1080	1083	rBV	234757	196183	10.55%	0.527%
71	8.769	1098	1102	1104	rVV2	118651	110001	5.92%	0.296%
72	8.816	1107	1110	1114	rVV3	129227	135447	7.29%	0.364%
73	8.910	1123	1126	1130	rVB3	107394	143596	7.72%	0.386%
74	9.133	1161	1164	1168	rVB3	124943	151174	8.13%	0.406%
75	9.245	1181	1183	1185	rVB	235517	170208	9.15%	0.458%
76	9.304	1190	1193	1198	rBV	257708	216290	11.63%	0.582%

LSC Area Percent Report

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Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.381	1203	1206	1209	rBV2	216646	258413	13.90%	0.695%
78	9.575	1235	1239	1242	rBV3	139119	198478	10.68%	0.534%
79	9.645	1248	1251	1254	rVV2	155467	204311	10.99%	0.549%
80	9.698	1257	1260	1263	rVB2	473056	441522	23.75%	1.187%
81	9.763	1268	1271	1273	rBV3	106731	100239	5.39%	0.270%
82	9.851	1283	1286	1289	rBV2	174403	151779	8.16%	0.408%
83	9.904	1292	1295	1300	rVB2	158851	221072	11.89%	0.594%
84	9.992	1305	1310	1313	rVB2	1011267	977854	52.60%	2.629%
85	10.092	1324	1327	1331	rBV3	131361	192985	10.38%	0.519%
86	10.133	1331	1334	1338	rBV3	114873	193166	10.39%	0.519%
87	10.169	1338	1340	1342	rBV3	96875	106247	5.71%	0.286%
88	10.233	1348	1351	1355	rBV2	254149	331772	17.84%	0.892%
89	10.304	1361	1363	1366	rBV3	194594	210141	11.30%	0.565%
90	10.333	1366	1368	1370	rVV3	108181	104455	5.62%	0.281%
91	10.398	1375	1379	1384	rBV5	310014	497016	26.73%	1.336%
92	10.439	1384	1386	1389	rBV3	125886	137537	7.40%	0.370%
93	10.633	1415	1419	1422	rBV	604444	645127	34.70%	1.735%
94	10.757	1437	1440	1442	rVB2	200268	167024	8.98%	0.449%
95	10.780	1442	1444	1446	rBV2	169772	155109	8.34%	0.417%
96	10.898	1460	1464	1467	rBV	1366306	1555697	83.68%	4.183%
97	11.369	1541	1544	1551	rVB	1209383	1296800	69.75%	3.487%
98	11.486	1561	1564	1566	rBV	1093308	1009999	54.32%	2.716%
99	11.722	1601	1604	1607	rBV	599685	609222	32.77%	1.638%
100	12.569	1746	1748	1752	rVB2	464650	457866	24.63%	1.231%

Sum of corrected areas: 37193156

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Operator : CG\JU
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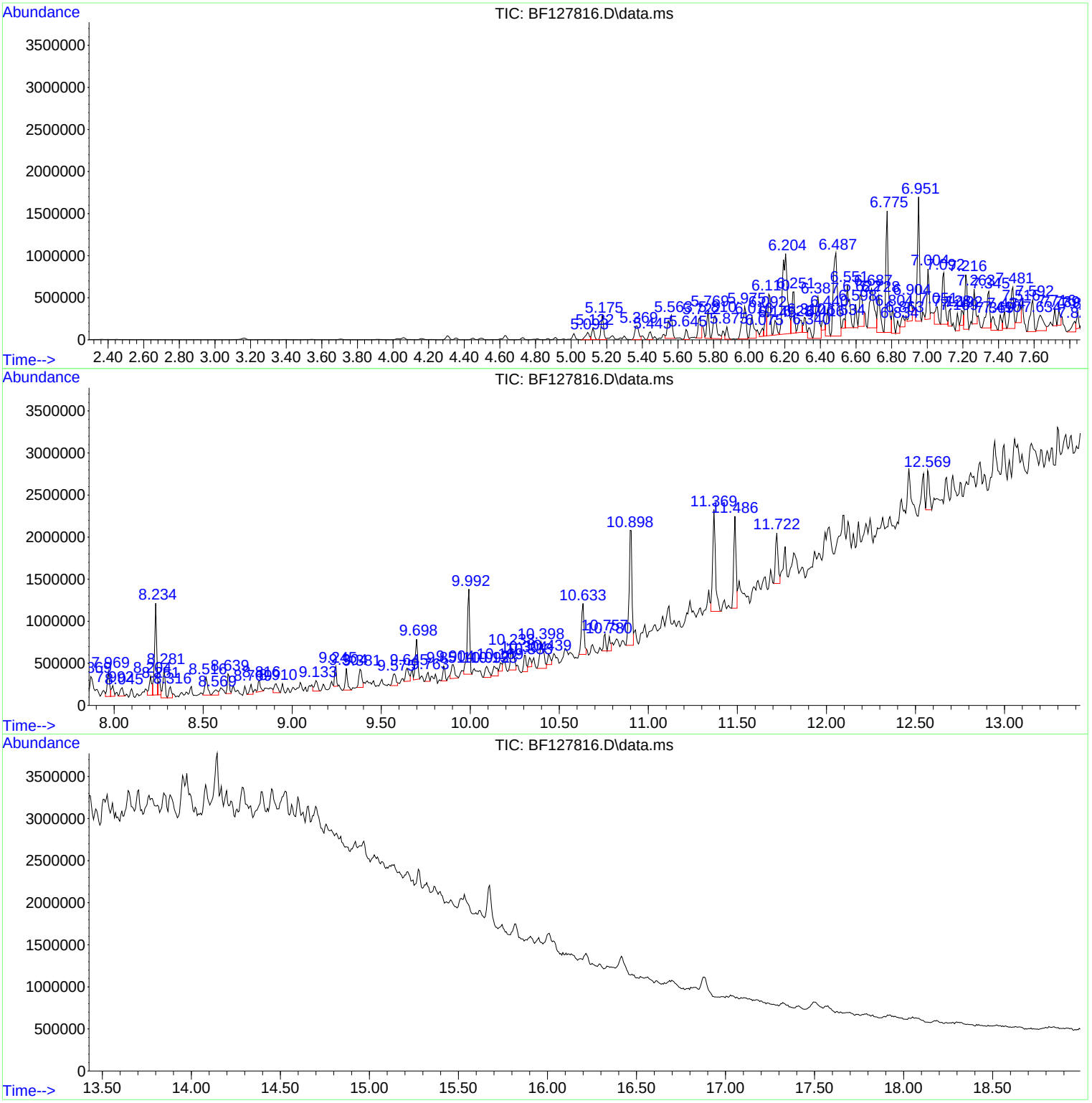
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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\BF041522\
Data File : BF127816.D
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Instrument :
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ClientSampleId :
WC-15-1-1

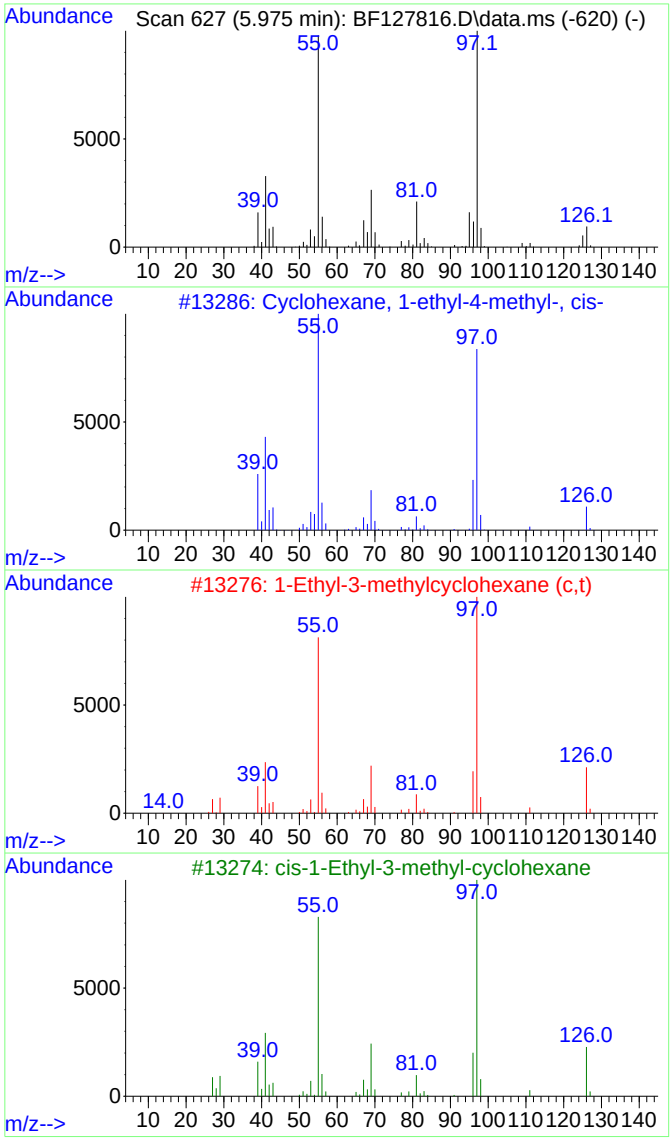
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

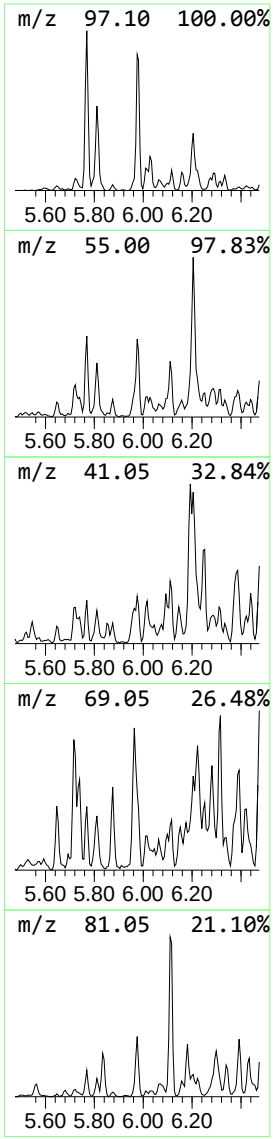
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.975	9.81 ng	584342	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	80
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127816.D
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

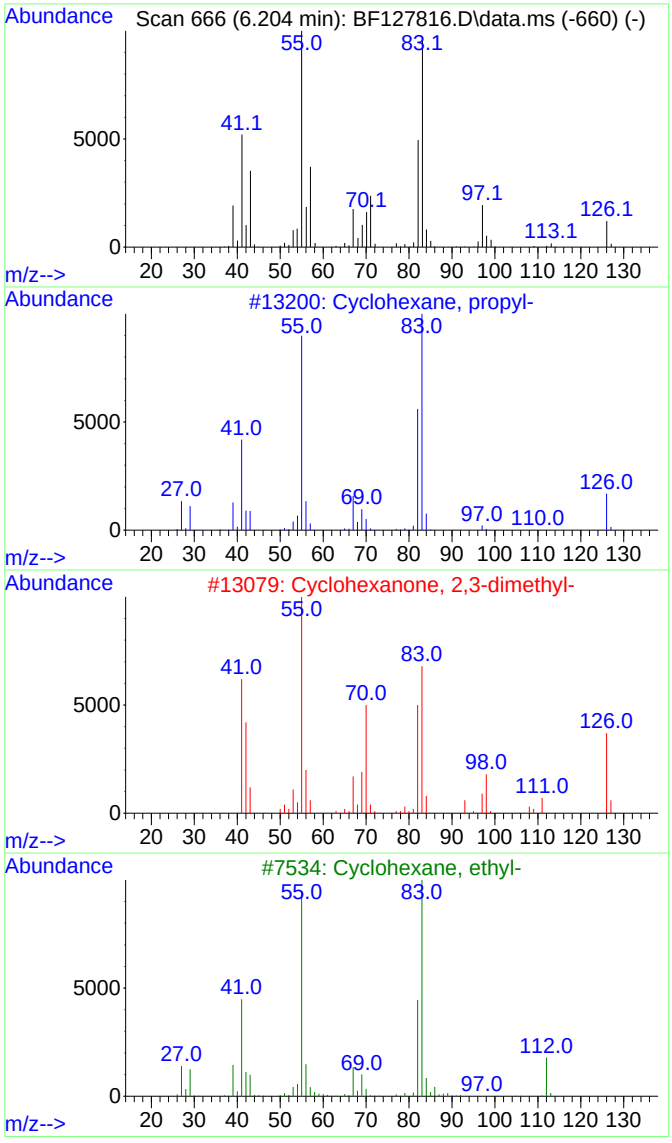
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

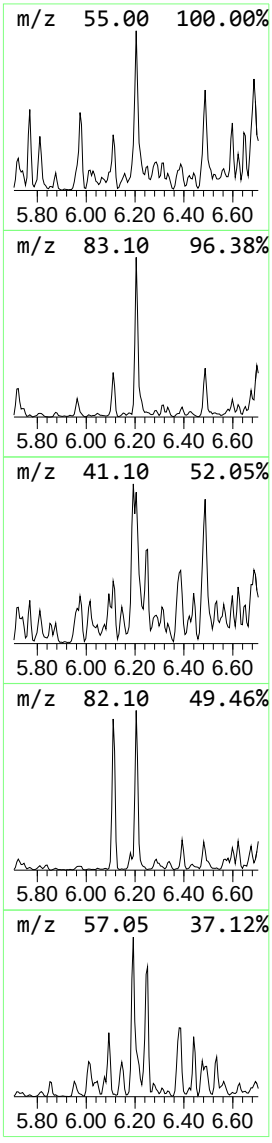
****

Peak Number 2 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.204	31.21 ng	1859210	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	68
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38





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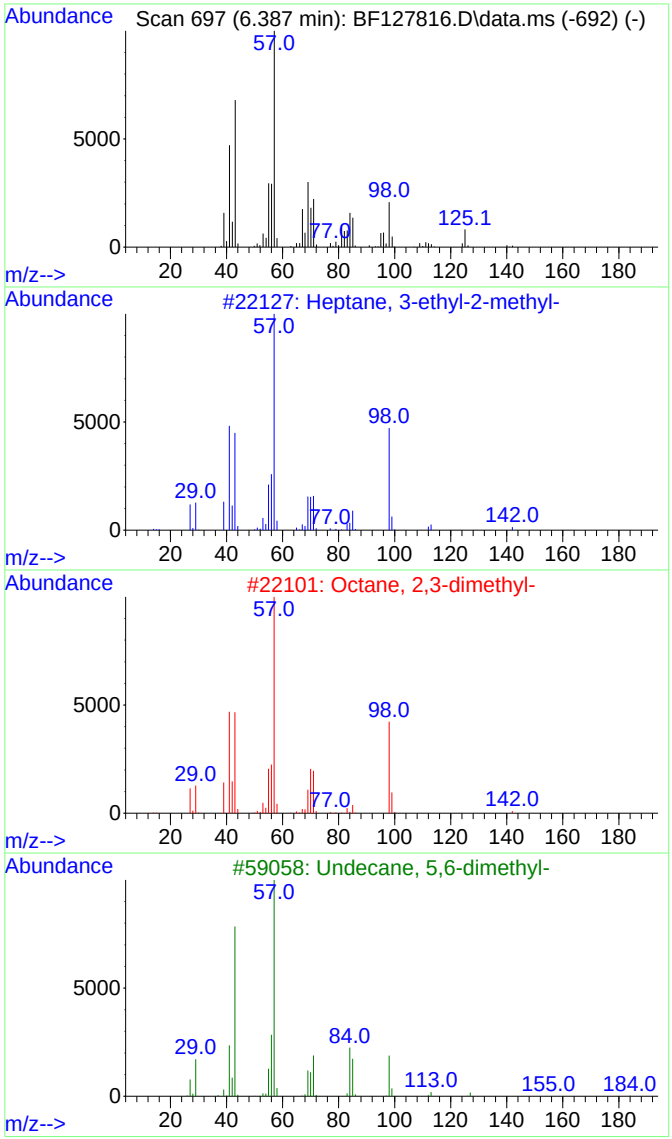
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

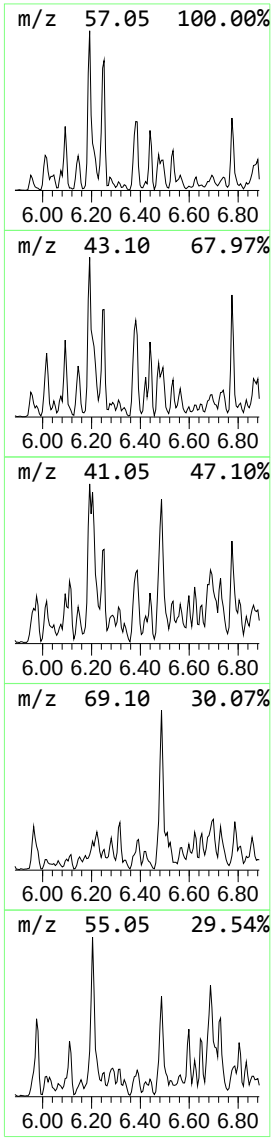
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	13.22 ng	787617	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
4	Carbonic acid, butyl octyl ester	230	C13H26O3	1010314-63-5	47
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127816.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

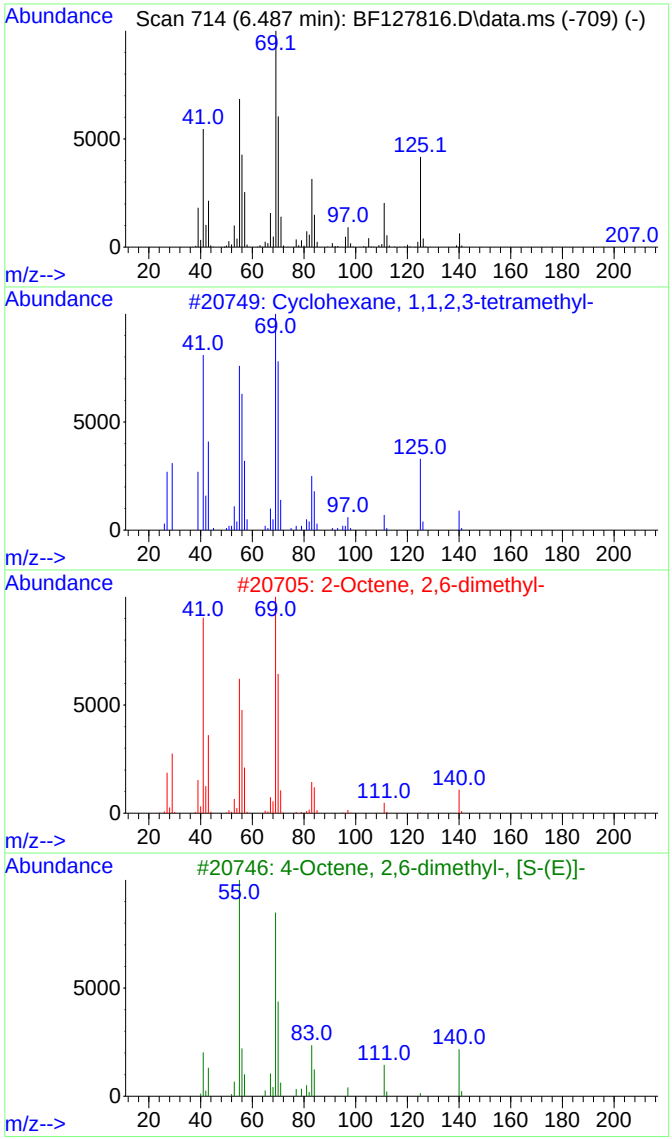
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

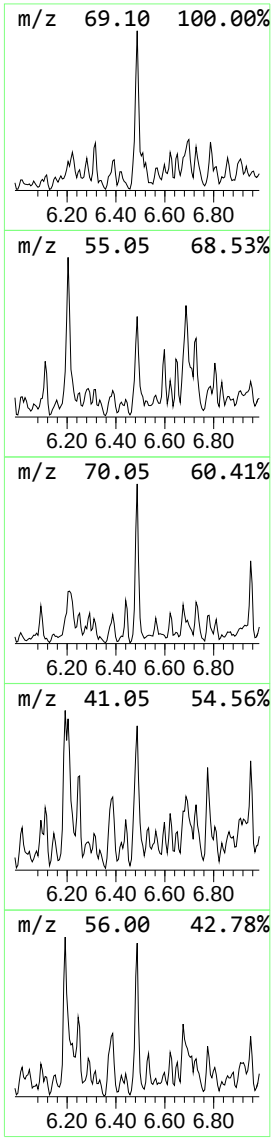
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.487	29.08 ng	1732050	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
4	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	64
5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127816.D
Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

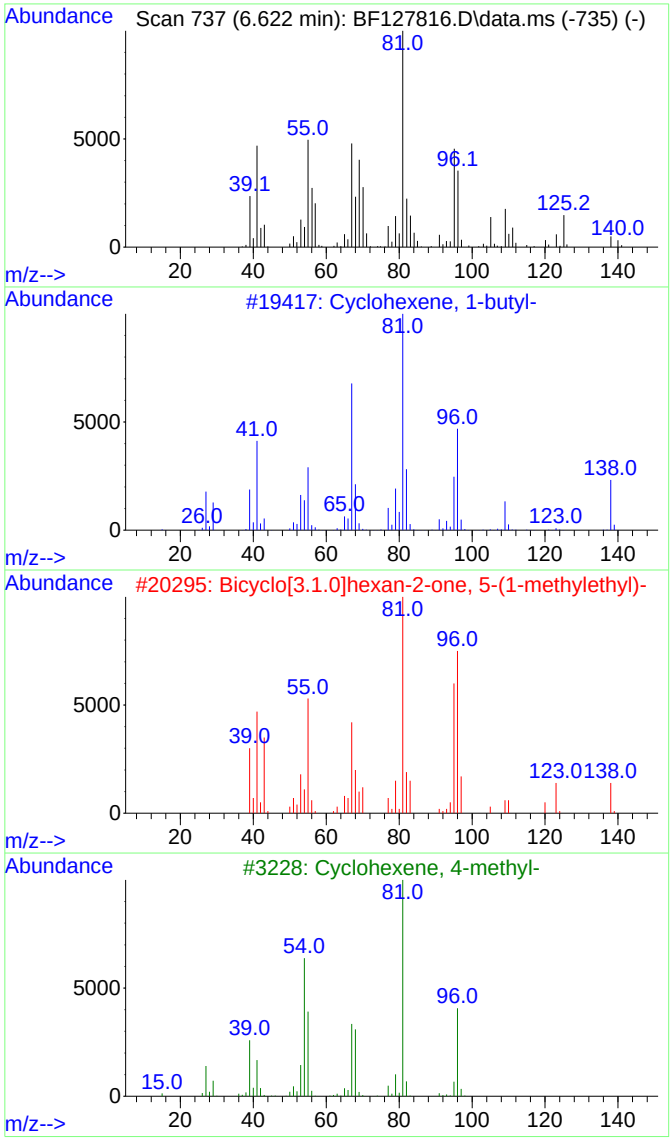
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

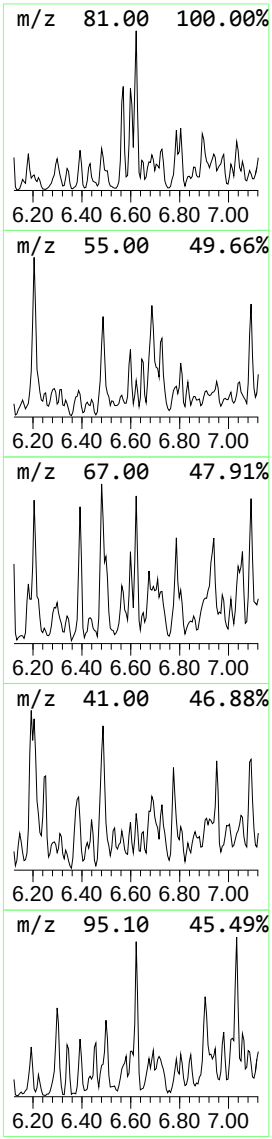
****

Peak Number 5 Cyclohexene, 1-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	9.25 ng	551045	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	93
2	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	58
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43





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Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-15-1-1

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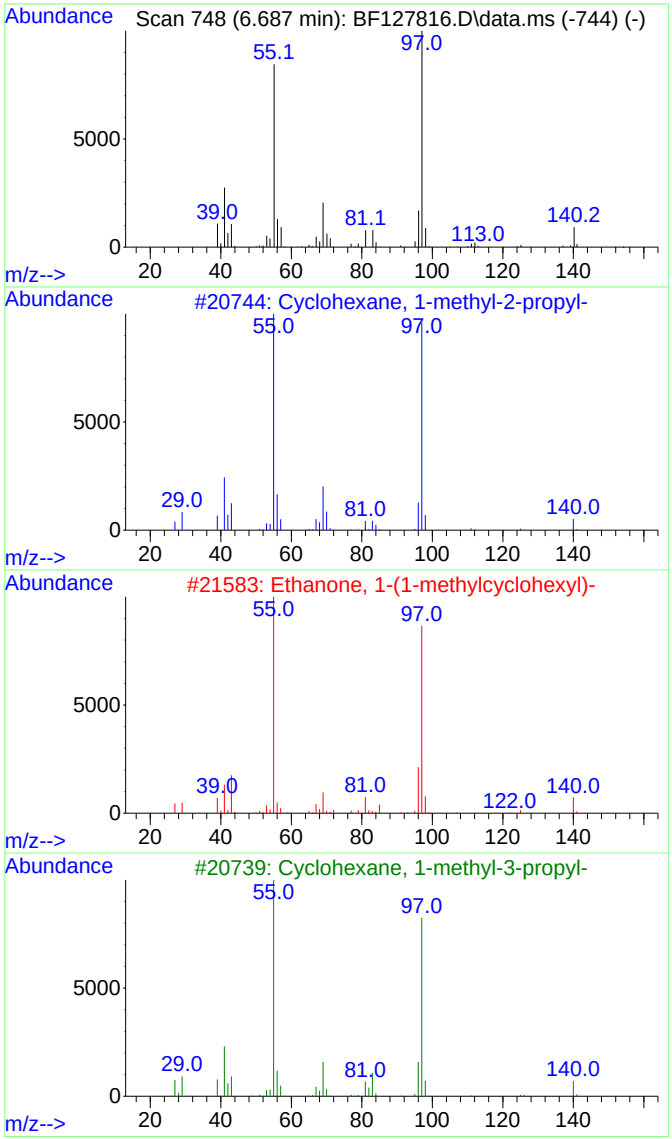
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

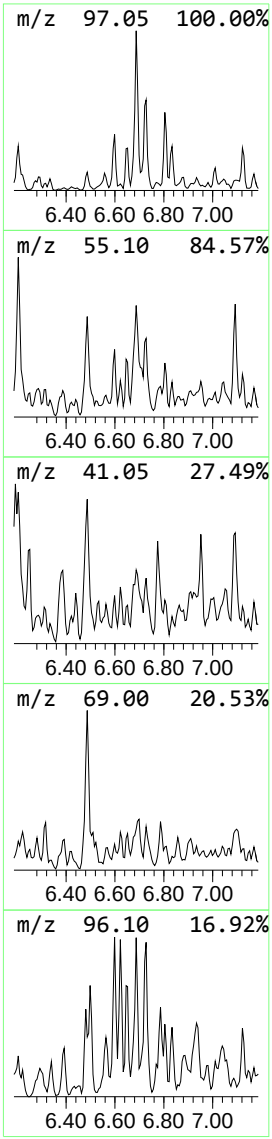
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1-methyl-2-pro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	14.48 ng	862230	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

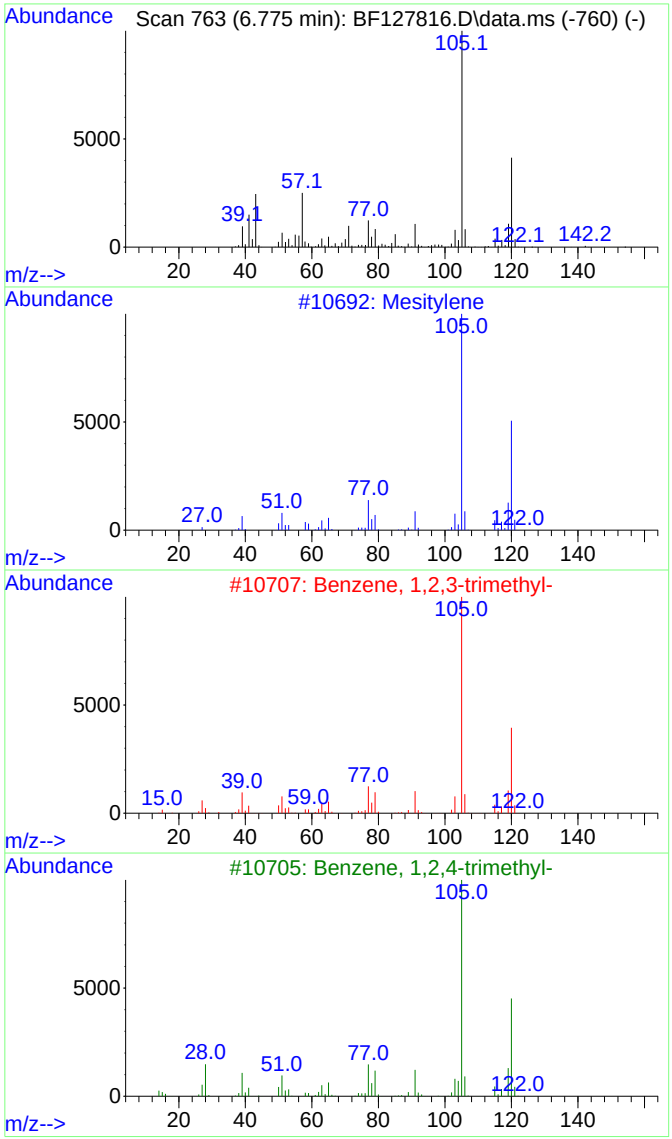
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

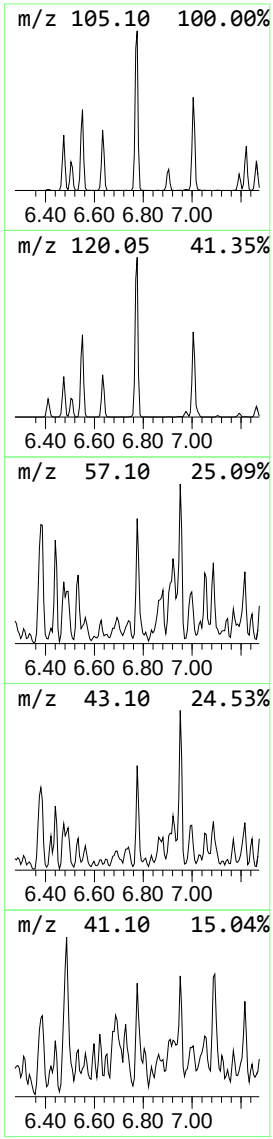
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.775	24.18 ng	1440360	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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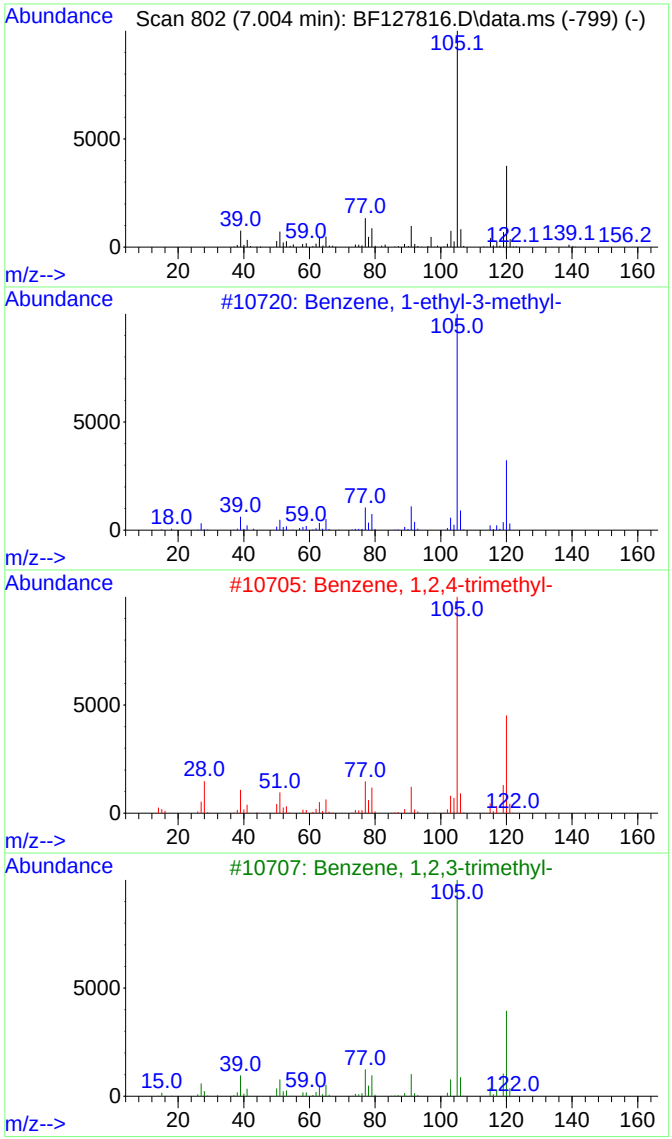
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

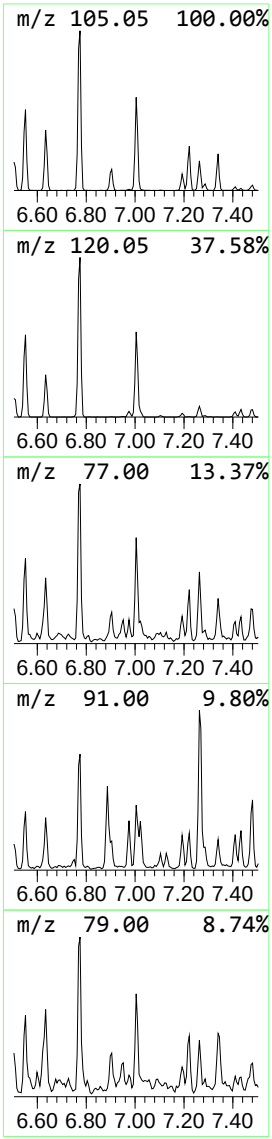
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	8.40 ng	500042	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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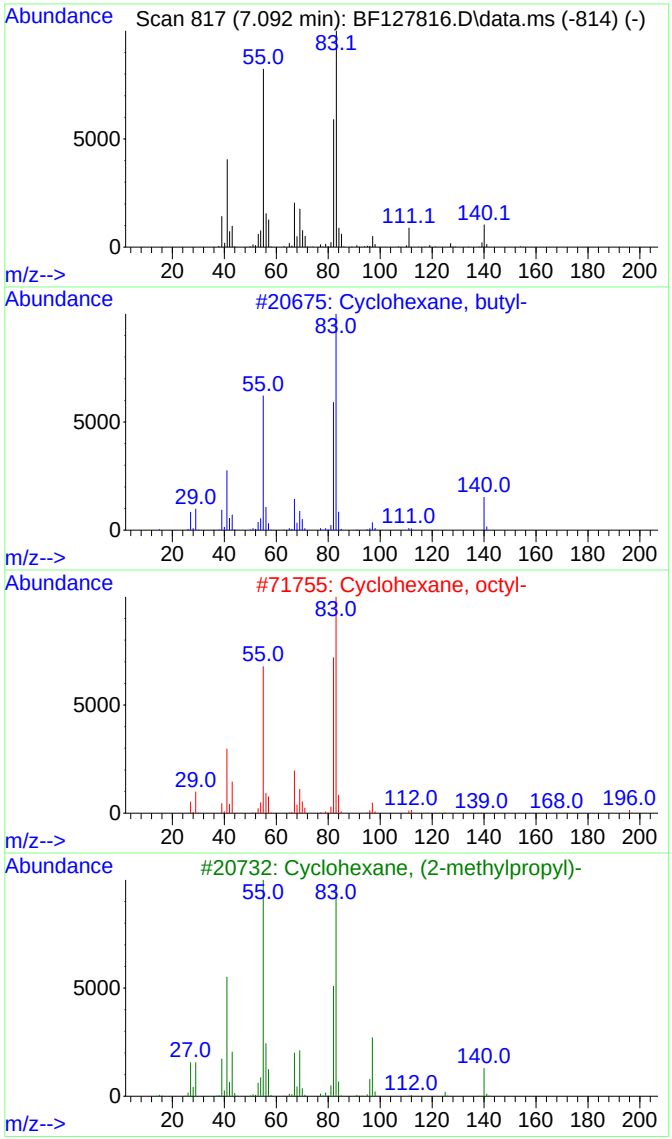
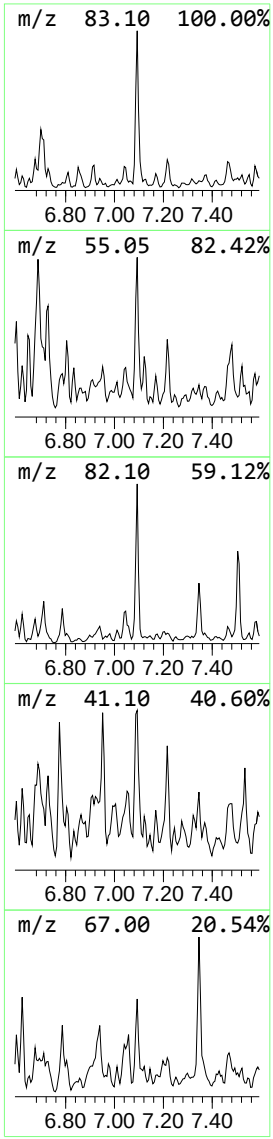
Peak Number 9 Cyclohexane, butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	11.62 ng	692004	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	78





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Misc :
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Instrument :
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ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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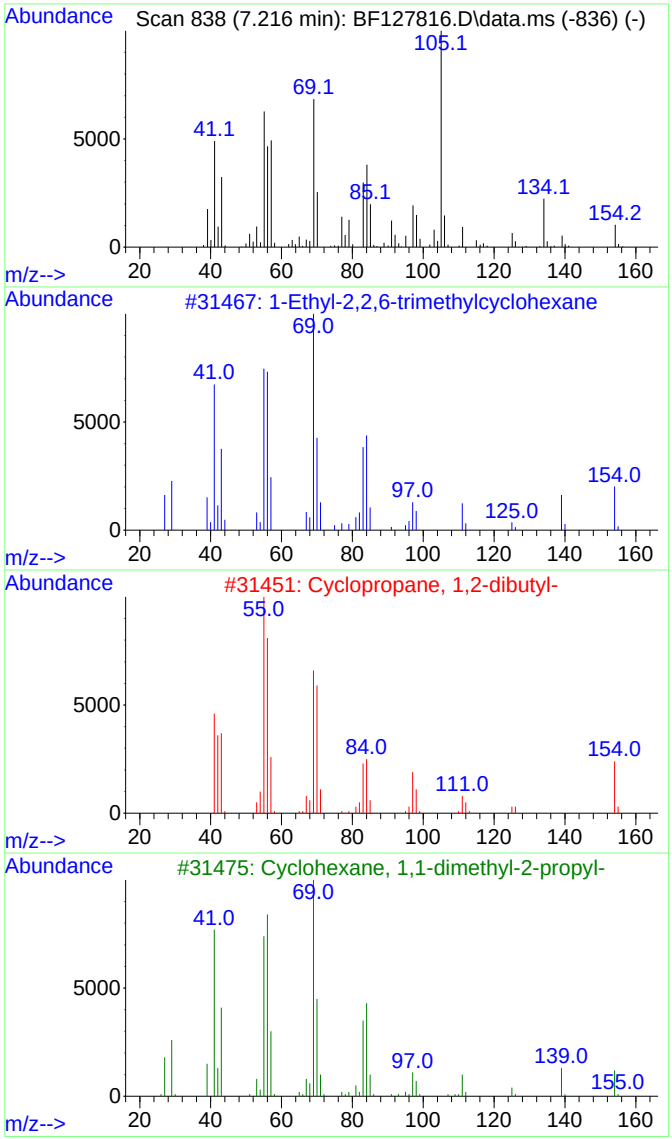
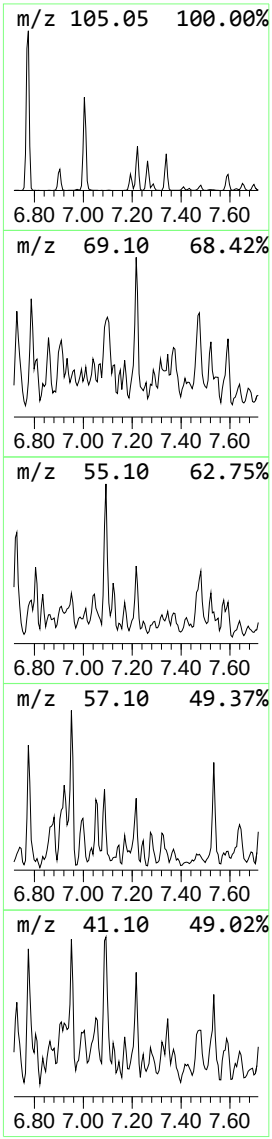
Peak Number 10 unknown7.216 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	9.70 ng	577555	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	46
2	Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	46
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	46
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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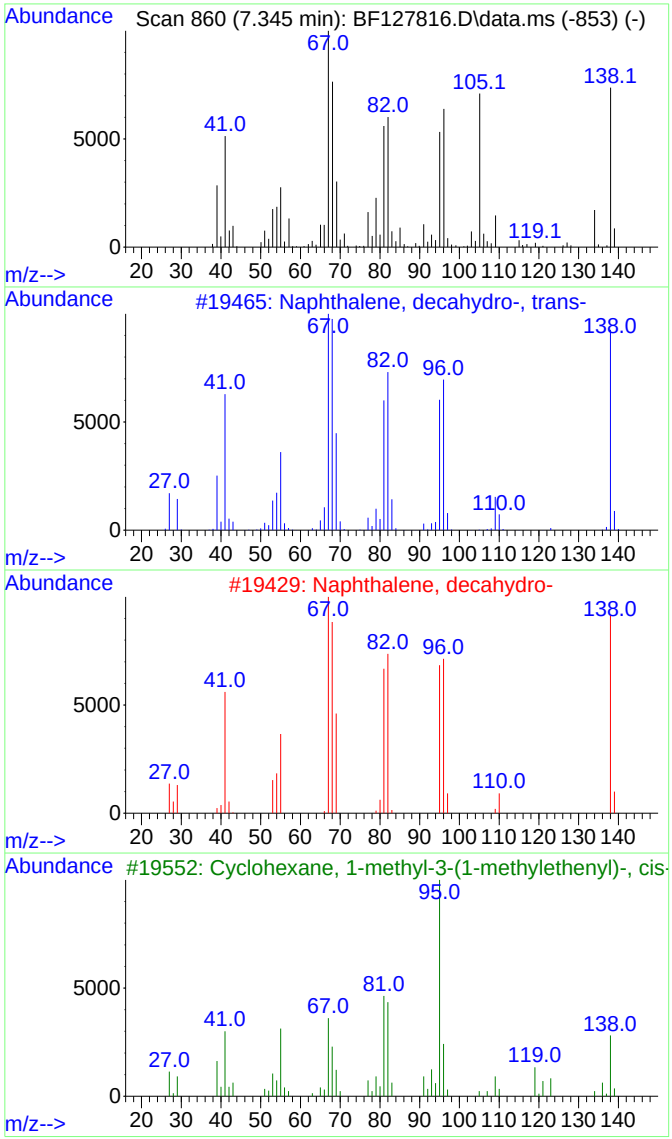
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

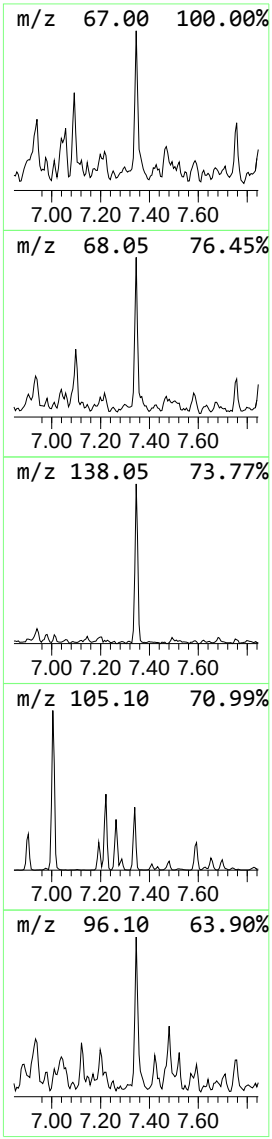
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.345	9.66 ng	575091	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	81
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	68
5	2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

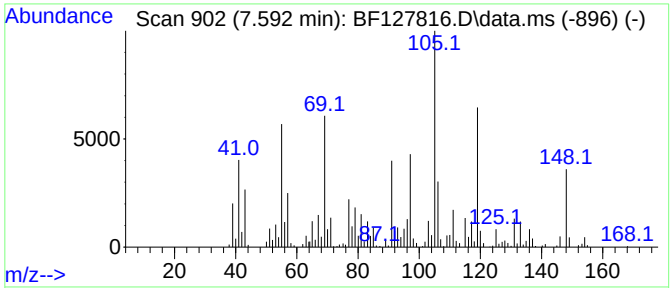
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

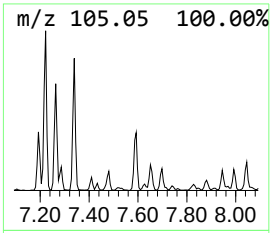
****

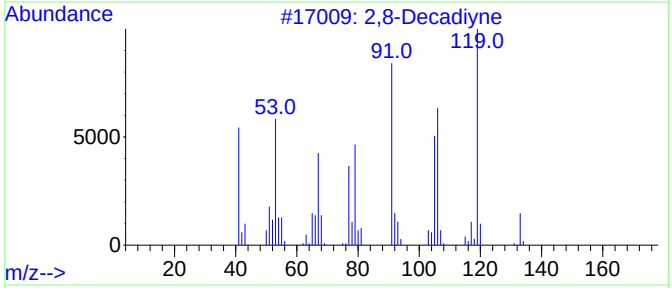
Peak Number 12 2,8-Decadiyne Concentration Rank 11

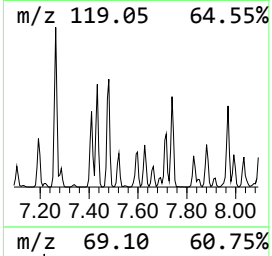
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.592	11.34 ng	515898	Naphthalene-d8	8.234

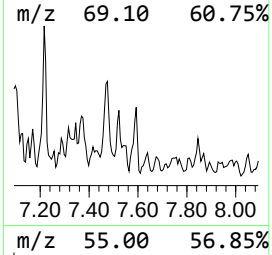
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Decadiyne	134	C10H14	004116-93-2	50
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	41
3	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	35
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	30
5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	30

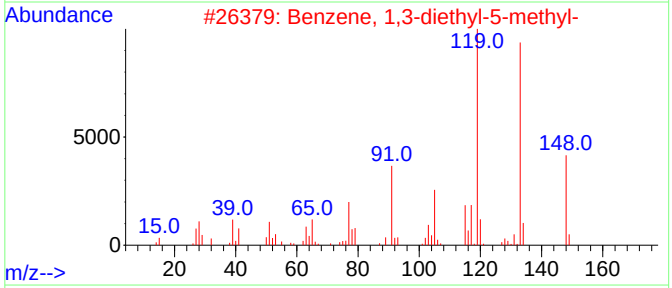


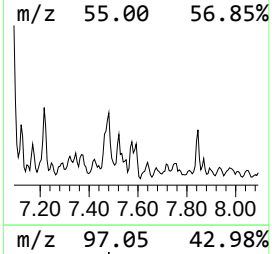


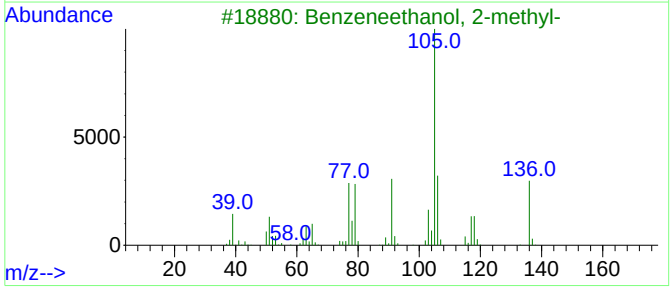


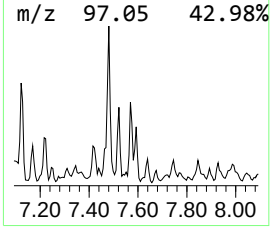












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Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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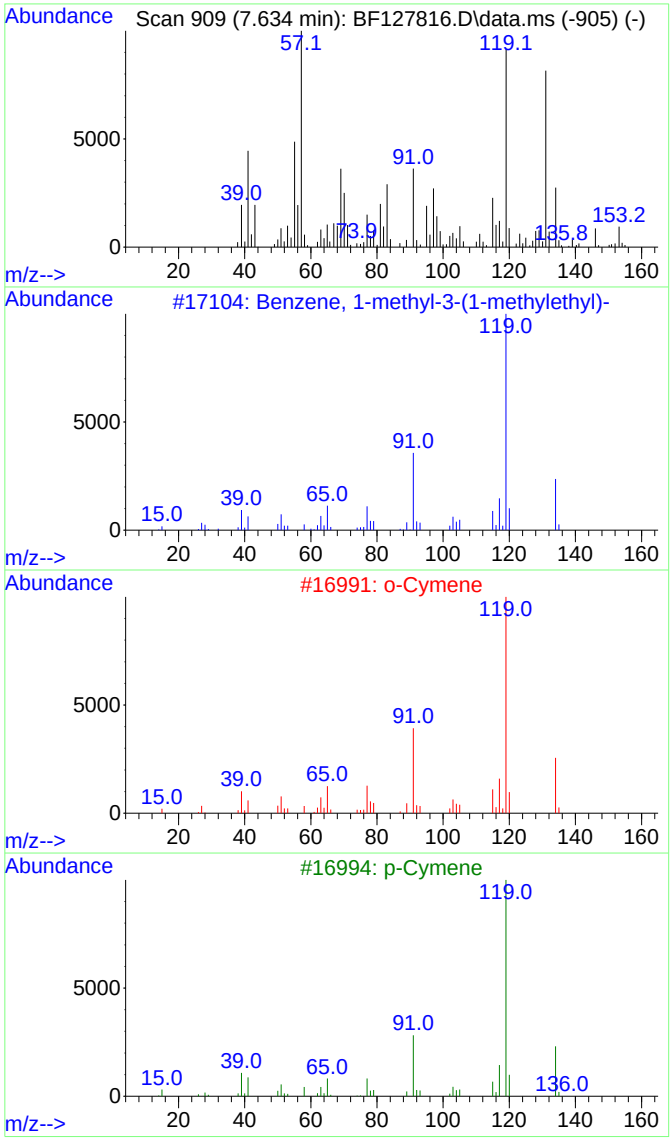
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

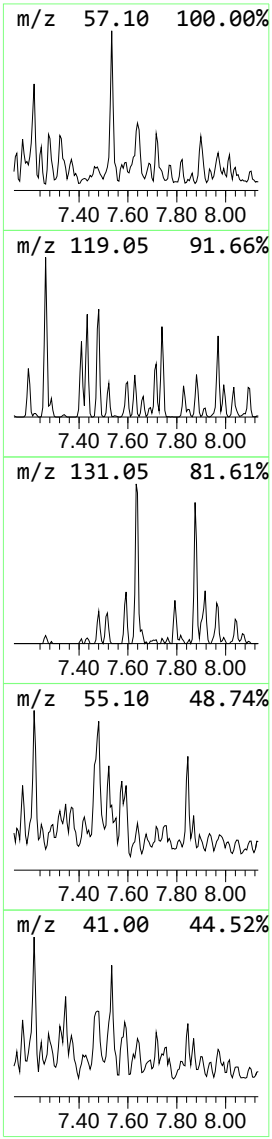
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	8.70 ng	395597	Naphthalene-d8	8.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
2	o-Cymene	134	C10H14	000527-84-4	80
3	p-Cymene	134	C10H14	000099-87-6	42
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	42
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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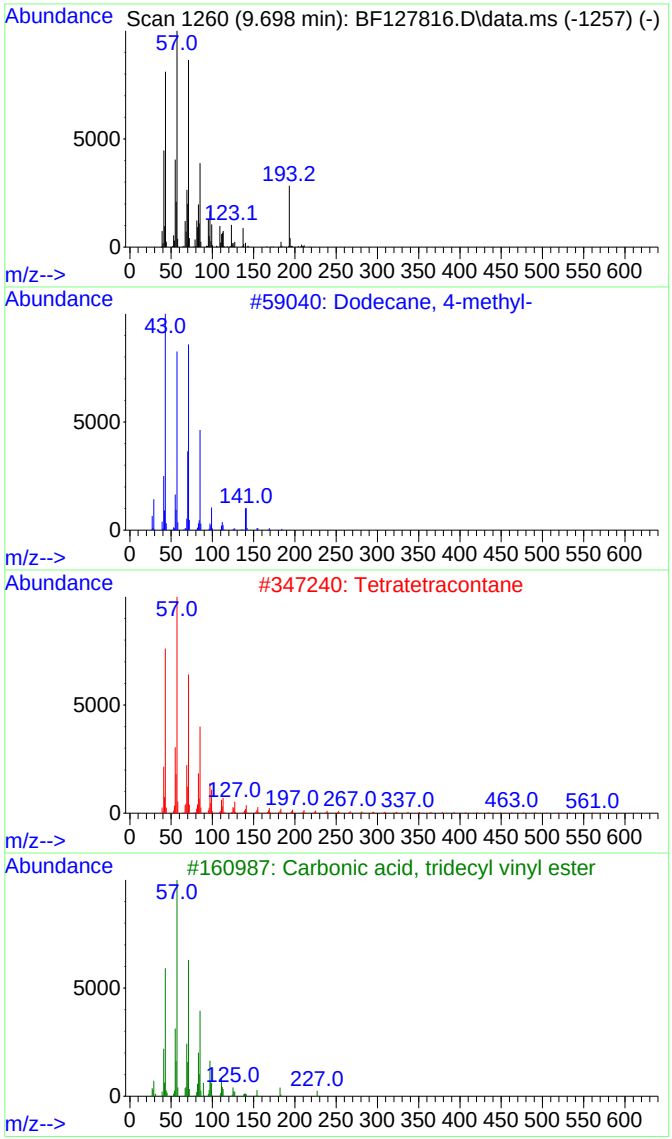
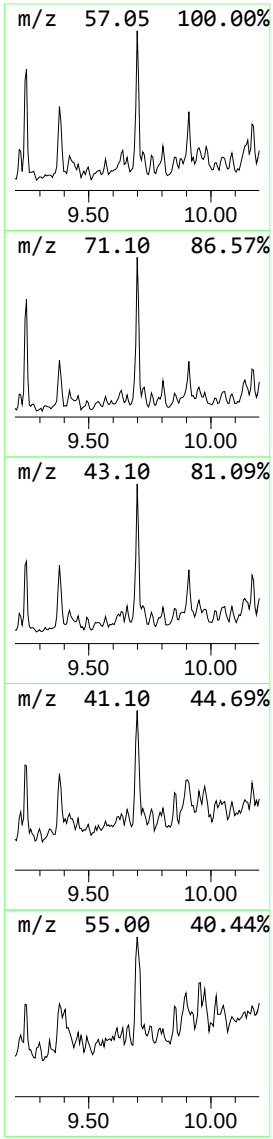
****

Peak Number 14 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	9.03 ng	441522	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	58
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53





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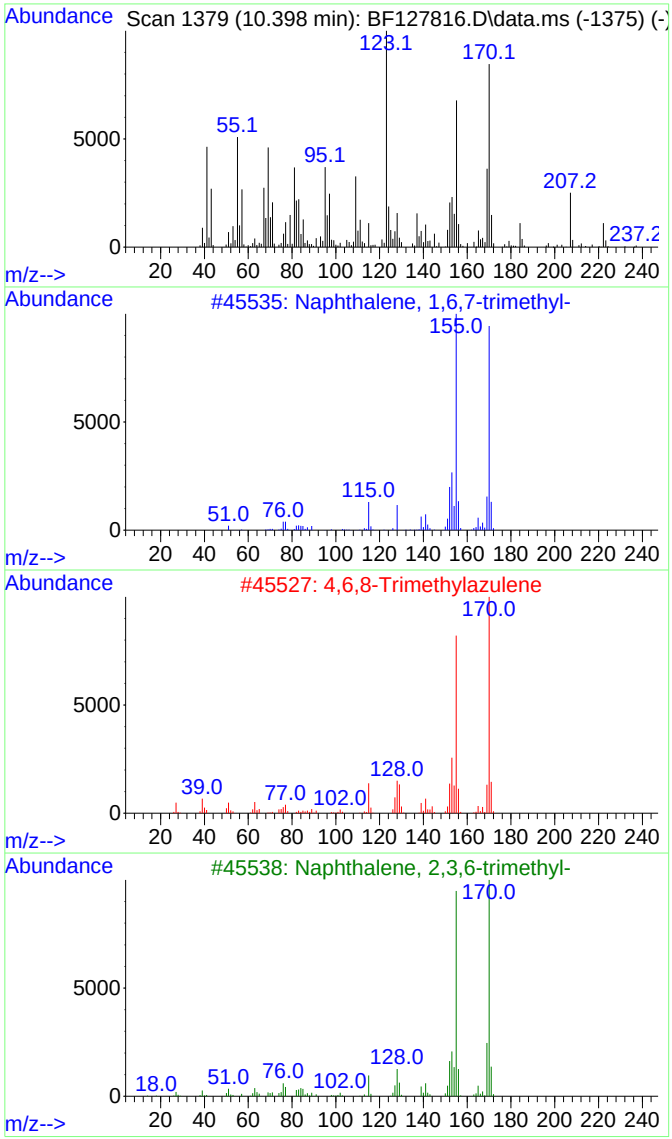
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

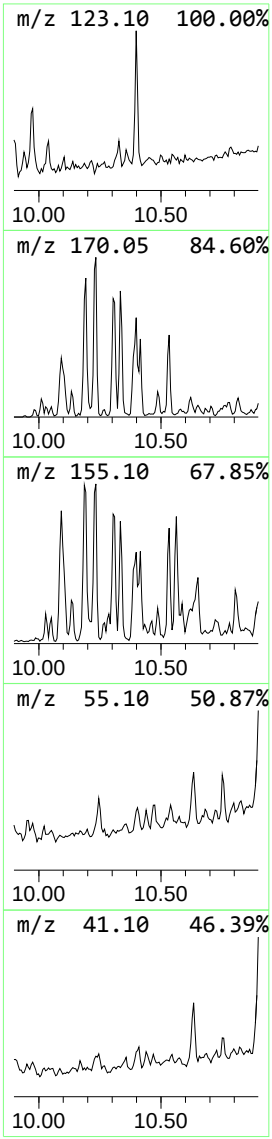
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.398	10.17 ng	497016	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127816.D
Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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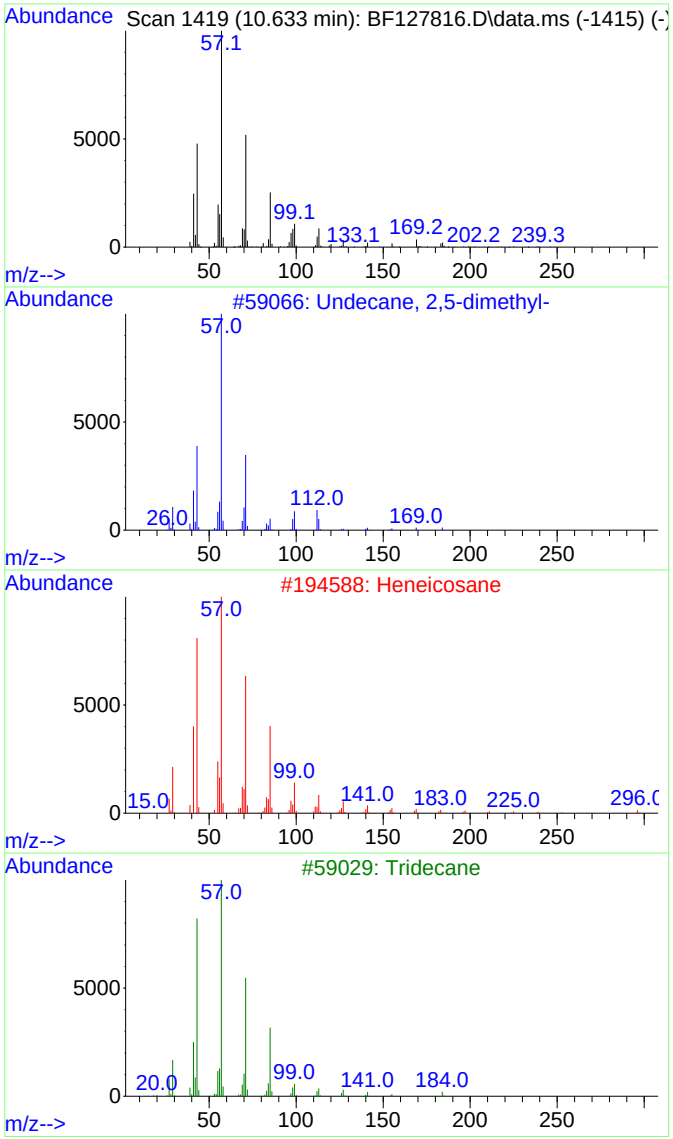
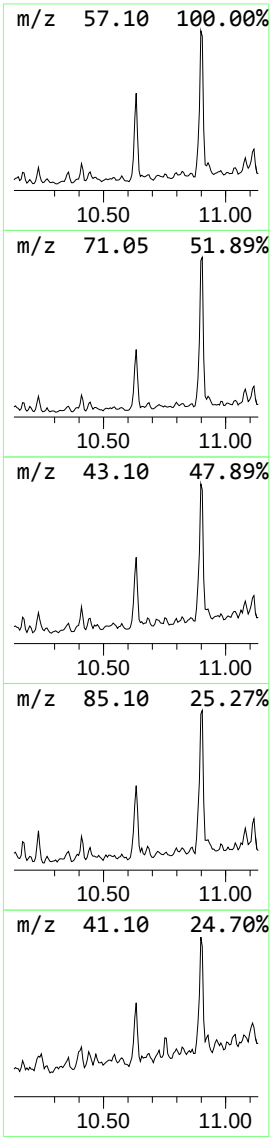
Peak Number 16 Undecane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	13.19 ng	645127	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2	Heneicosane	296	C21H44	000629-94-7	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64





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Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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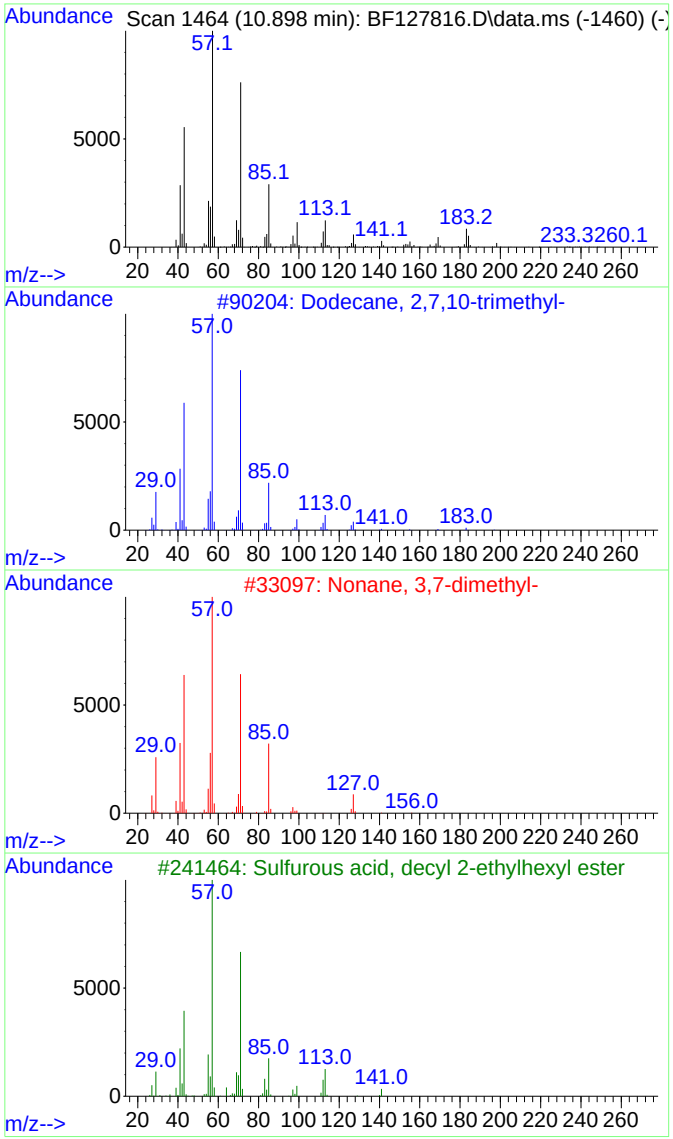
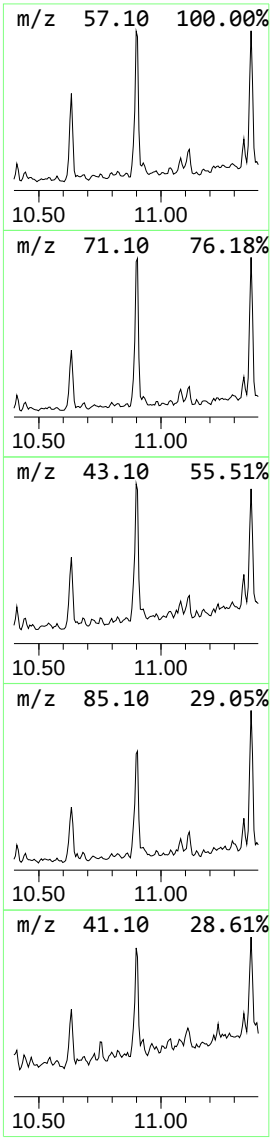
Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	30.81 ng	1555700	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	62





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Data File : BF127816.D
Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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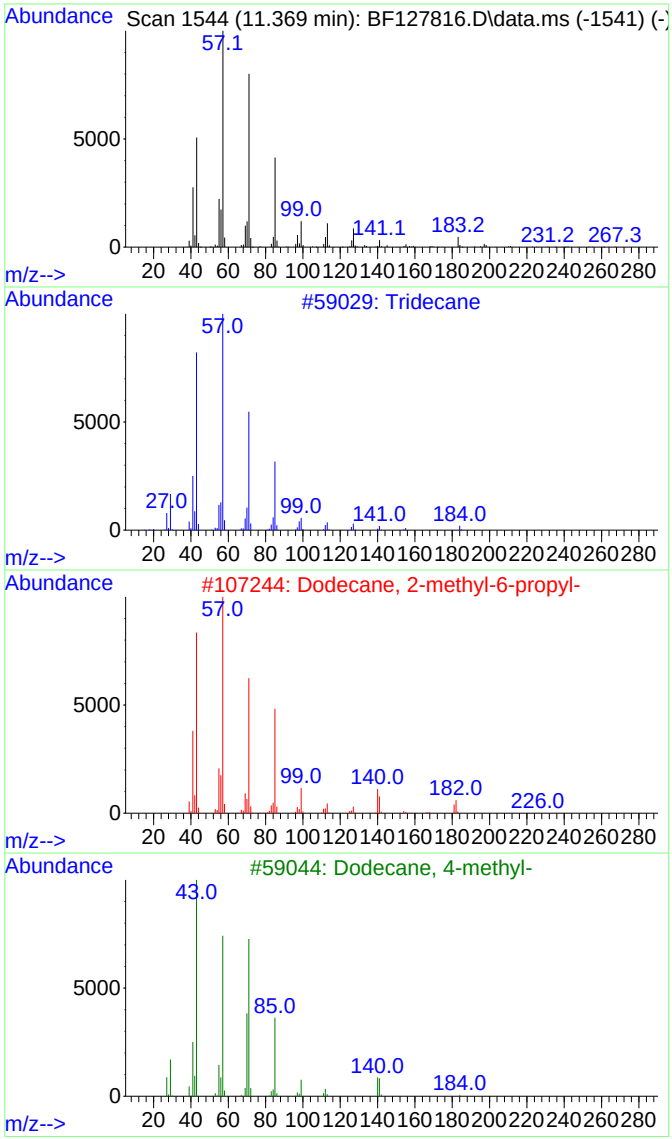
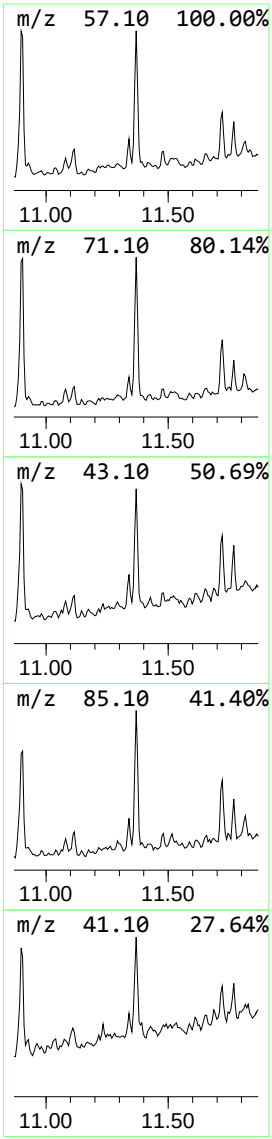
Peak Number 18 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.369	25.68 ng	1296800	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74





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Data File : BF127816.D
Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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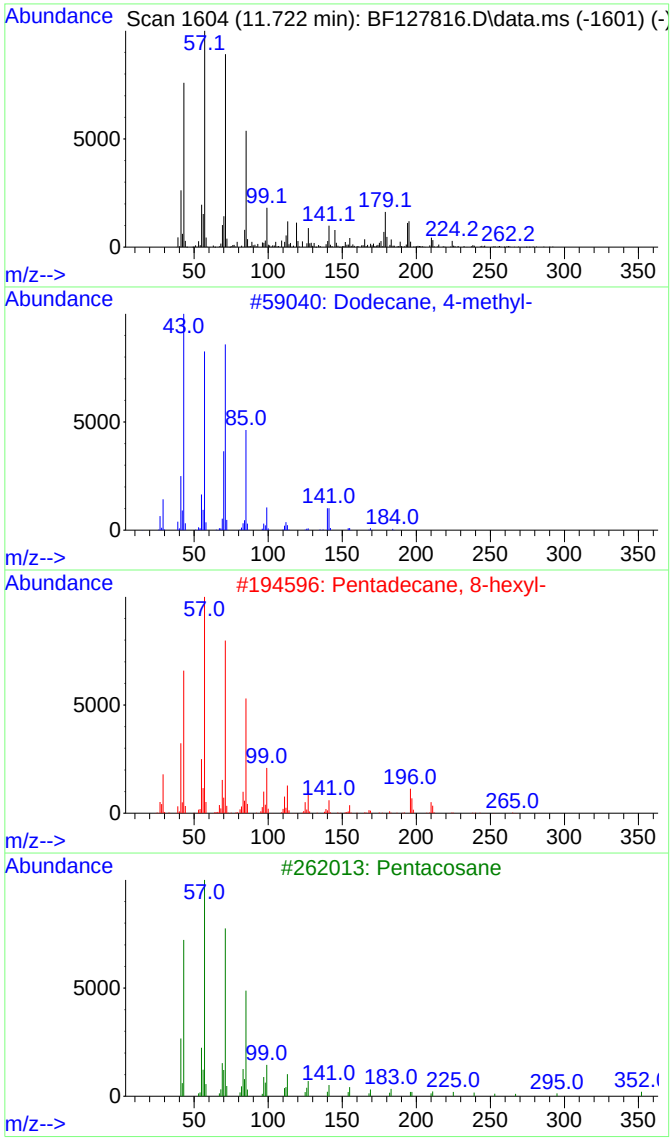
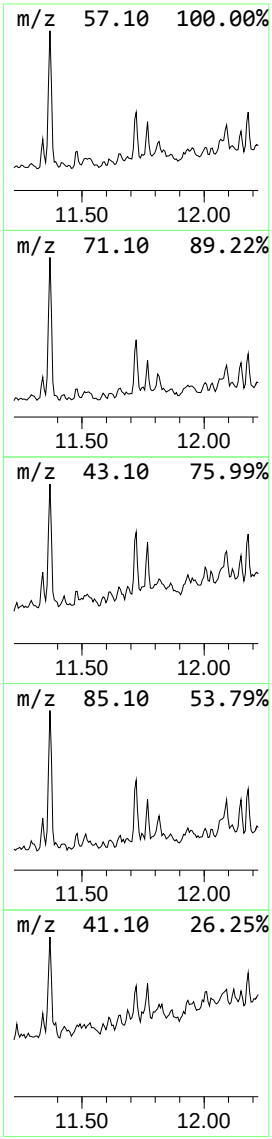
Peak Number 19 Dodecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	12.06 ng	609222	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	74
3	Pentacosane	352	C25H52	000629-99-2	64
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	64
5	Tetradecane	198	C14H30	000629-59-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127816.D
Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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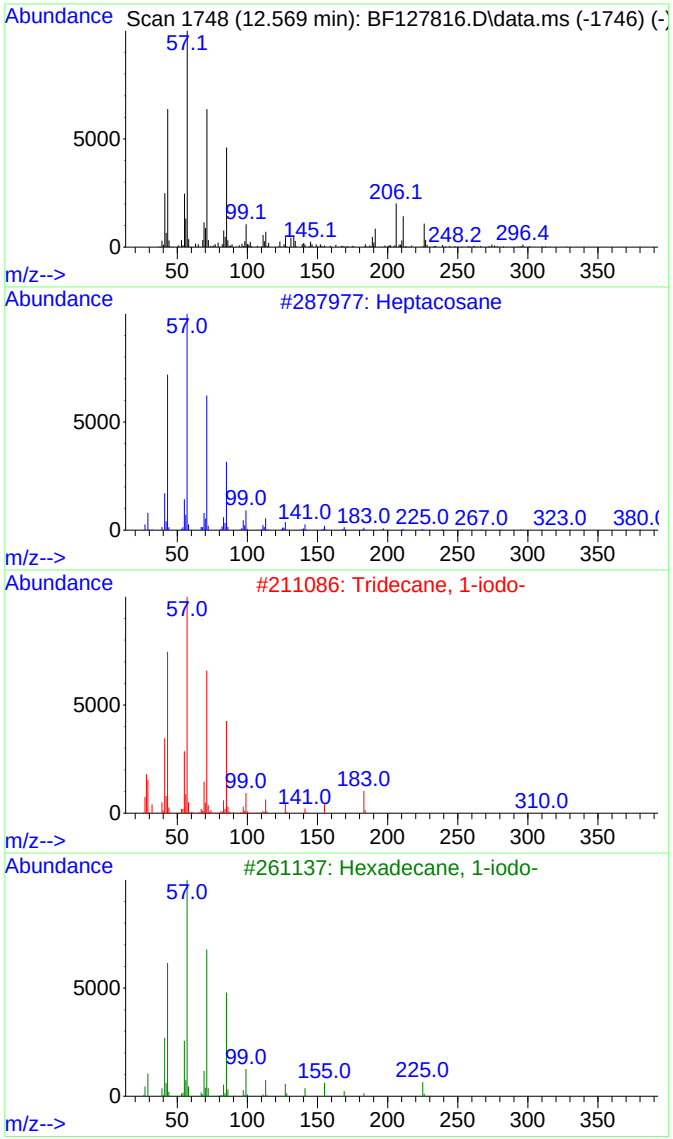
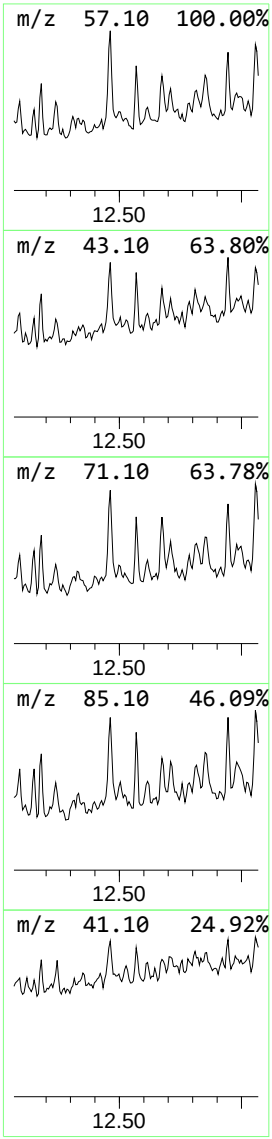
Peak Number 20 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	9.07 ng	457866	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	58
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127816.D
Acq On : 15 Apr 2022 21:18
Operator : CG\JU
Sample : N2431-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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
Cyclohexane, 1-...	5.975	9.8	ng	584342	1	6.951	1191270	20.0
Cyclohexane, pr...	6.204	31.2	ng	1859210	1	6.951	1191270	20.0
Heptane, 3-ethy...	6.387	13.2	ng	787617	1	6.951	1191270	20.0
Cyclohexane, 1,...	6.487	29.1	ng	1732050	1	6.951	1191270	20.0
Cyclohexene, 1-...	6.622	9.3	ng	551045	1	6.951	1191270	20.0
Cyclohexane, 1-...	6.687	14.5	ng	862230	1	6.951	1191270	20.0
Benzene, 1,2,3-...	6.775	24.2	ng	1440360	1	6.951	1191270	20.0
Benzene, 1-ethy...	7.004	8.4	ng	500042	1	6.951	1191270	20.0
Cyclohexane, bu...	7.092	11.6	ng	692004	1	6.951	1191270	20.0
unknown7.216	7.216	9.7	ng	577555	1	6.951	1191270	20.0
Naphthalene, de...	7.345	9.7	ng	575091	1	6.951	1191270	20.0
2,8-Decadiyne	7.592	11.3	ng	515898	2	8.234	909769	20.0
Benzene, 1-meth...	7.634	8.7	ng	395597	2	8.234	909769	20.0
Tetratetracontane	9.698	9.0	ng	441522	3	9.992	977854	20.0
Naphthalene, 1,...	10.398	10.2	ng	497016	3	9.992	977854	20.0
Undecane, 2,5-d...	10.633	13.2	ng	645127	3	9.992	977854	20.0
Dodecane, 2,7,1...	10.898	30.8	ng	1555700	4	11.486	1010000	20.0
Tridecane	11.369	25.7	ng	1296800	4	11.486	1010000	20.0
Dodecane, 4-met...	11.722	12.1	ng	609222	4	11.486	1010000	20.0
Heptacosane	12.569	9.1	ng	457866	4	11.486	1010000	20.0