LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-47

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127511.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.157	142	148	155	rBV2	36933	68338	2.13%	0.314%
2	4.357	346	352	357	rBV	91717	114144	3.56%	0.525%
3	4.440	362	366	372	rVB	94281	109190	3.41%	0.502%
4	5.081	472	475	480	rBV	26876	39358	1.23%	0.181%
5	5.475	538	542	557	rBV	1182420	1361369	42.51%	6.265%
6	6.445	704	707	709	rVB	41101	36325	1.13%	0.167%
7	6.487	709	714	728	rBV	784364	927026	28.95%	4.266%
8	6.845	772	775	780	rBV	682637	540106	16.87%	2.485%
9	7.034	804	807	812	rBV2	53835	52992	1.65%	0.244%
10	7.181	827	832	833	rBV2	37265	45846	1.43%	0.211%
11	7.281	844	849	851	rBV	73950	73443	2.29%	0.338%
12	7.351	856	861	868	rBV4	62074	109101	3.41%	0.502%
13	7.416	868	872	875	rBV	2001929	1974813	61.67%	9.088%
14	7.704	916	921	924	rBV3	56250	60113	1.88%	0.277%
15	7.792	933	936	941	rVB3	56035	69341	2.17%	0.319%
16	7.851	944	946	948	rBV2	35679	35868	1.12%	0.165%
17	7.934	957	960	965	rVB3	47669	46822	1.46%	0.215%
18	8.039	976	978	980	rBV2	42533	41464	1.29%	0.191%
19	8.063	980	982	987	rVB2	59476	68317	2.13%	0.314%
20	8.128	990	993	999	rBV	826772	815365	25.46%	3.752%
21	8.239	1008	1012	1014	rBV3	25797	36007	1.12%	0.166%
22	8.281	1016	1019	1021	rVB4	35128	37215	1.16%	0.171%
23	8.322	1021	1026	1028	rBV2	49323	53478	1.67%	0.246%
24	8.381	1032	1036	1046	rVB7	91924	196565	6.14%	0.905%
25	8.469	1049	1051	1054	rBV2	59651	53442	1.67%	0.246%
26	8.510	1054	1058	1062	rBV5	81602	130840	4.09%	0.602%
27	8.545	1062	1064	1066	rBV	47233	41453	1.29%	0.191%
28	8.604	1071	1074	1078	rVB3	113073	151233	4.72%	0.696%
29	8.663	1080	1084	1088	rBV	62134	85009	2.65%	0.391%
30	8.716	1088	1093	1095	rBV3	99929	116457	3.64%	0.536%
31	8.792	1103	1106	1109	rVB4	67253	67775	2.12%	0.312%
32	8.863	1116	1118	1124	rVB4	144006	204868	6.40%	0.943%
33	8.910	1124	1126	1128	rBV3	53880	46875	1.46%	0.216%
34	8.945	1130	1132	1135	rVB4	67616	65487	2.05%	0.301%
35	9.010	1141	1143	1148	rVB	133840	134297	4.19%	0.618%
36	9.069	1150	1153	1158	rVV3	83902	123952	3.87%	0.570%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.163	1166	1169	1172	rBV	135061	148207	4.63%	0.682%
38	9.204	1172	1176	1179	rVB	3473547	3202149	100.00%	14.736%
39	9.239	1179	1182	1183	rBV	97880	85436	2.67%	0.393%
40	9.257	1183	1185	1189	rVB4	94096	99501	3.11%	0.458%
41	9.292	1189	1191	1194	rBV3	127152	126959	3.96%	0.584%
42	9.375	1202	1205	1207	rBV3	87094	113812	3.55%	0.524%
43	9.557	1231	1236	1240	rBV2	418558	476295	14.87%	2.192%
44	9.645	1248	1251	1253	rVB3	80770	69828	2.18%	0.321%
45	9.686	1255	1258	1260	rBV4	65363	73376	2.29%	0.338%
46	9.757	1264	1270	1273	rVB5	96054	154035	4.81%	0.709%
47	9.851	1279	1286	1288	rBV	531023	856366	26.74%	3.941%
48	9.886	1288	1292	1296	rVB	909896	769917	24.04%	3.543%
49	10.198	1342	1345	1351	rBV6	103309	140020	4.37%	0.644%
50	10.251	1351	1354	1356	rBV3	127039	140118	4.38%	0.645%
51	10.275	1356	1358	1360	rVB2	116239	96343	3.01%	0.443%
52	10.357	1370	1372	1375	rBV	78844	60848	1.90%	0.280%
53	10.657	1418	1423	1425	rBV	934985	1183924	36.97%	5.448%
54	10.680	1425	1427	1431	rVB	1525578	1463737	45.71%	6.736%
55	10.816	1448	1450	1454	rBV4	82188	73720	2.30%	0.339%
56	10.880	1459	1461	1464	rBV2	88755	75477	2.36%	0.347%
57	11.222	1516	1519	1523	rVB	160606	180017	5.62%	0.828%
58	11.380	1543	1546	1549	rVB	617537	521381	16.28%	2.399%
59	11.498	1564	1566	1570	rVB2	153486	145684	4.55%	0.670%
60	11.910	1634	1636	1639	rVB3	164600	135539	4.23%	0.624%
61	12.004	1649	1652	1657	rVB	295096	272437	8.51%	1.254%
62	12.963	1811	1815	1819	rBV	1936639	1819218	56.81%	8.372%
63	13.857	1965	1967	1971	rBV2	106360	108390	3.38%	0.499%
64	14.027	1993	1996	2000	rVB	533432	442362	13.81%	2.036%
65	14.821	2128	2131	2133	rBV	60301	55446	1.73%	0.255%
66	15.509	2244	2248	2257	rVB	416804	505834	15.80%	2.328%

Sum of corrected areas: 21730670

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
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Acq On : 24 Mar 2022 19:18
Operator : CG\JU
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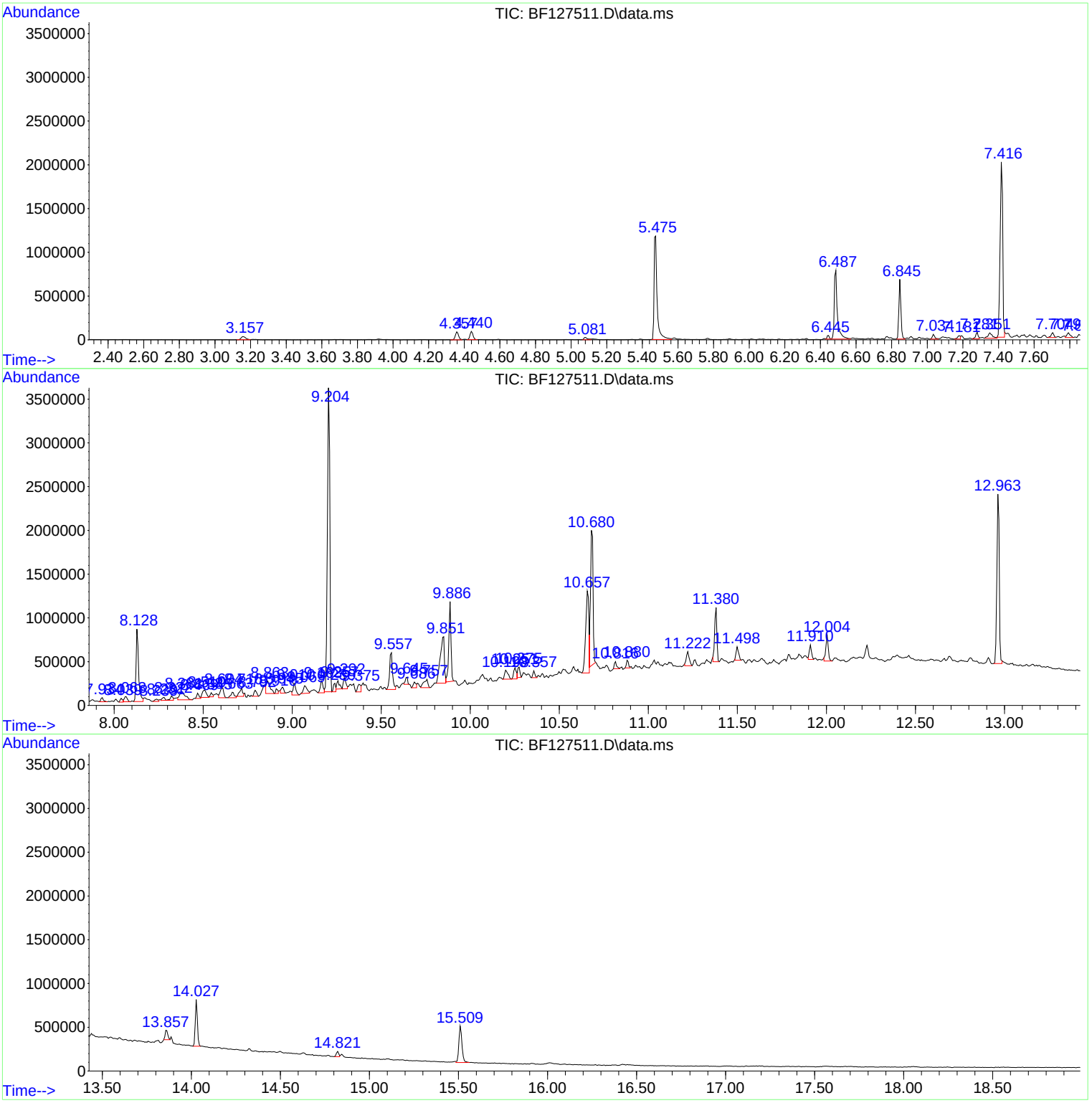
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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\BF032422\
Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
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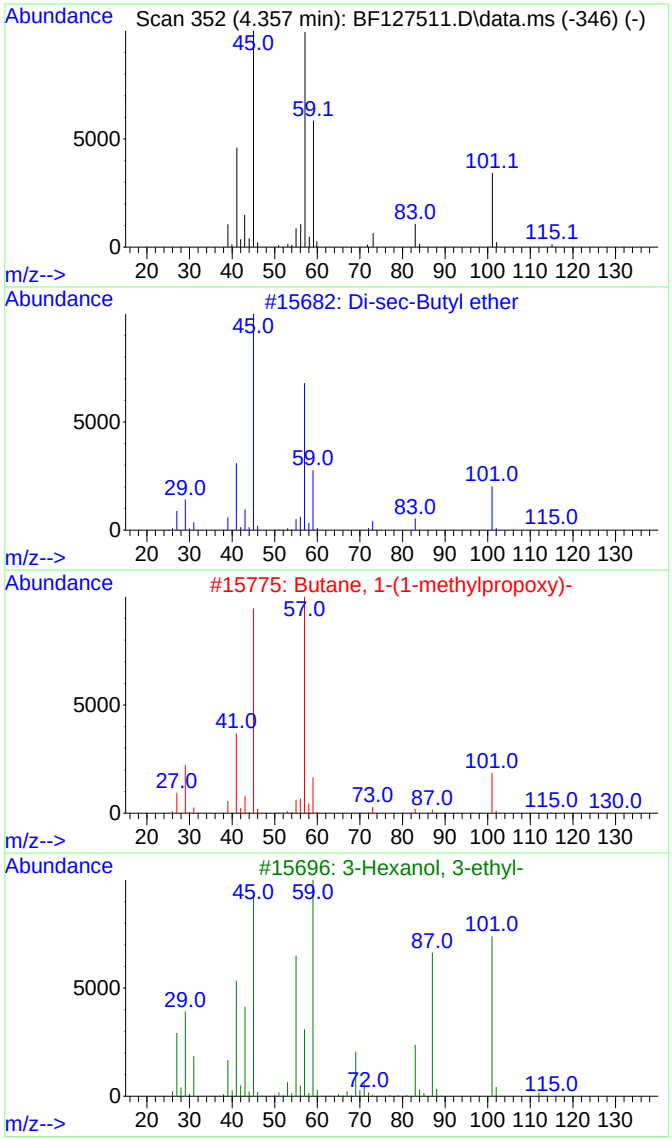
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

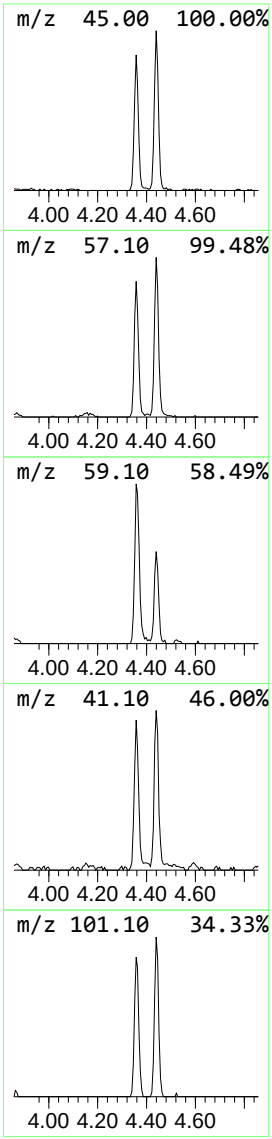
****

Peak Number 1 Di-sec-Butyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.357	4.23 ng	114144	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	72
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	72
3	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	64
4	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	38
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

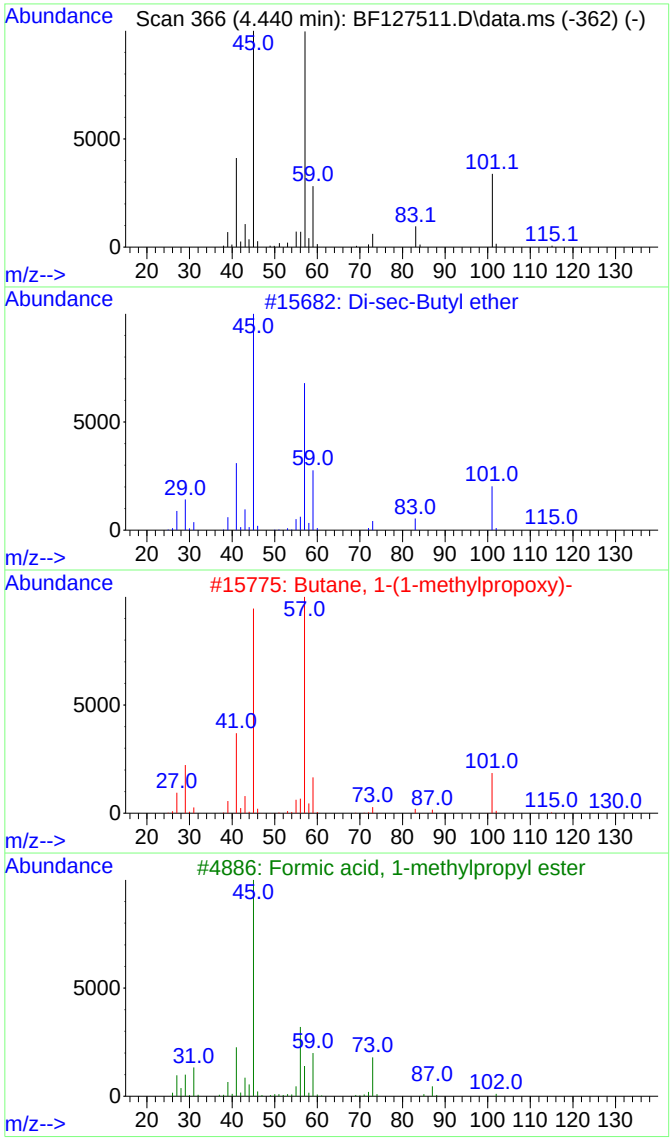
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

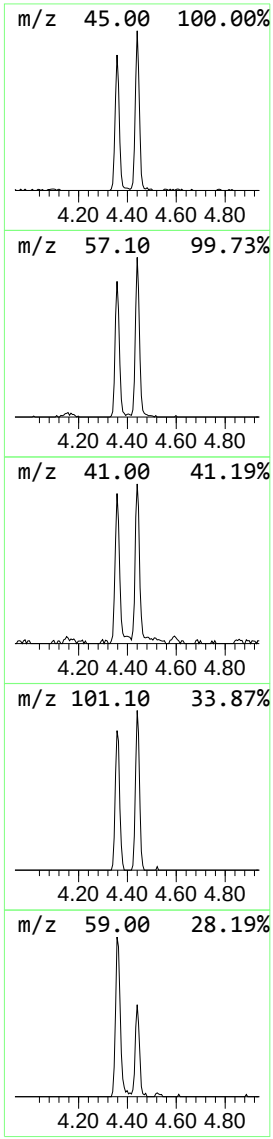
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 1-(1-methylpropoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.440	4.04 ng	109190	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	83
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	72
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	53
4	2-Butanol	74	C4H10O	000078-92-2	40
5	Boronic acid, ethyl-, diethyl ester	130	C6H15BO2	053907-92-9	34





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

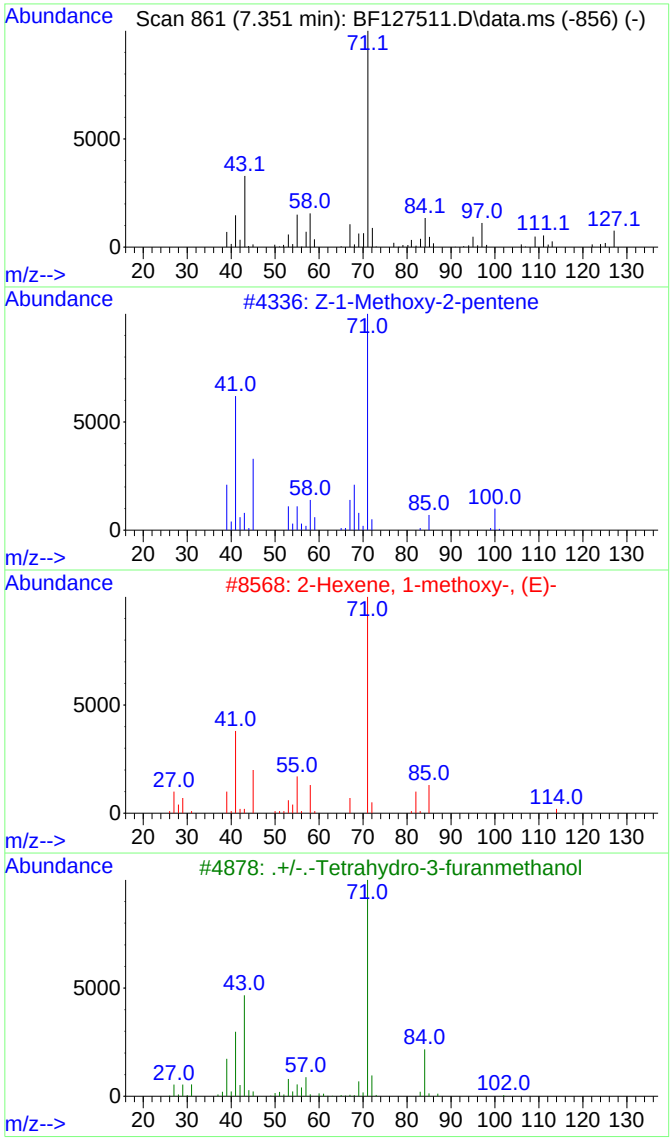
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

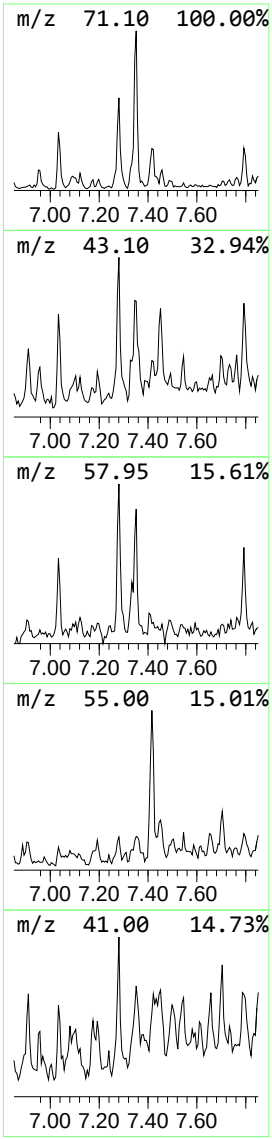
****

Peak Number 3 Z-1-Methoxy-2-pentene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.351	4.04 ng	109101	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	53
2	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	50
3	.+/-.-Tetrahydro-3-furanmethanol	102	C5H10O2	015833-61-1	50
4	Succinic acid, cyclohexylmethyl ...	298	C16H26O5	1000390-72-0	50
5	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
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Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

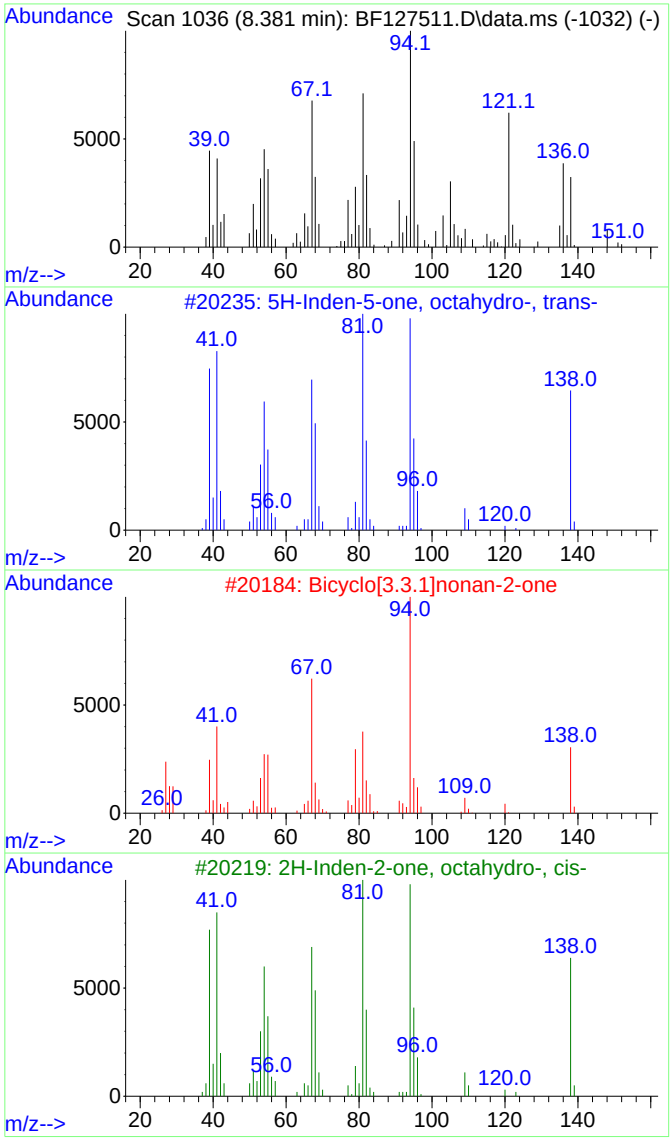
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

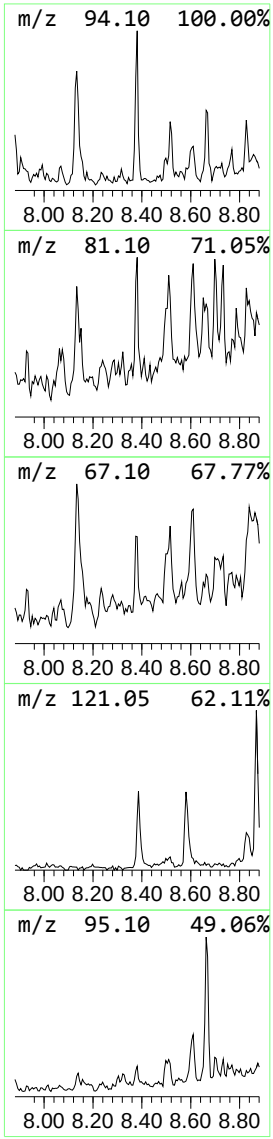
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5H-Inden-5-one, octahydro-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.381	4.82 ng	196565	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	64
2	Bicyclo[3.3.1]nonan-2-one	138	C9H14O	002568-17-4	55
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	46
4	Cyclodecene	138	C10H18	003618-12-0	38
5	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
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Acq On : 24 Mar 2022 19:18
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Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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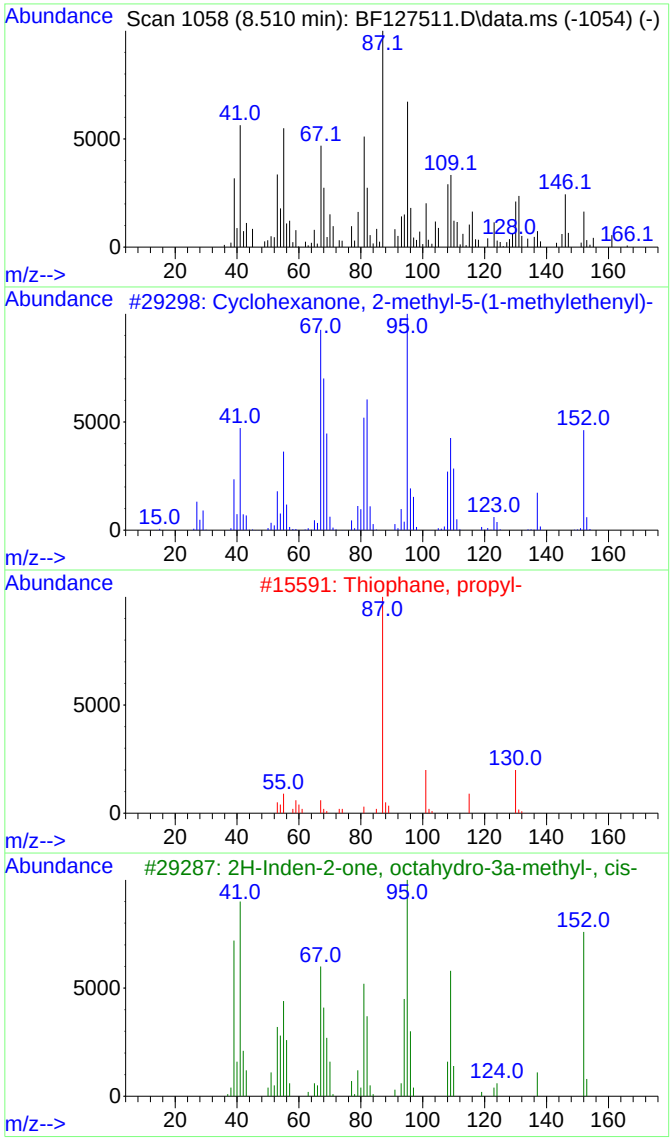
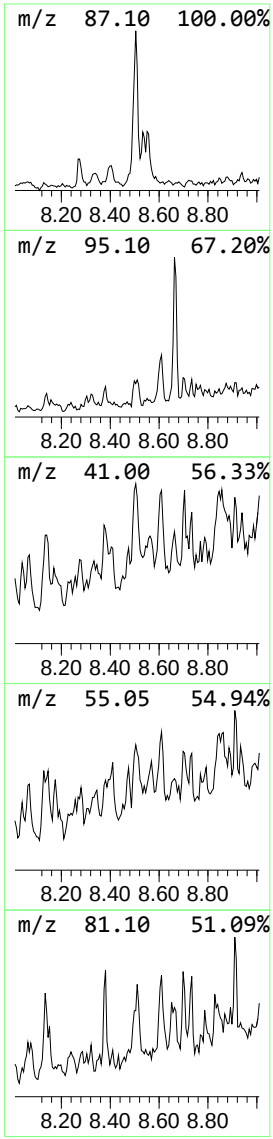
Peak Number 5 unknown8.510 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	3.21 ng	130840	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	30
2	Thiophane, propyl-	130	C7H14S	001551-34-4	30
3	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	30
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	25
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	25





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BNA_F
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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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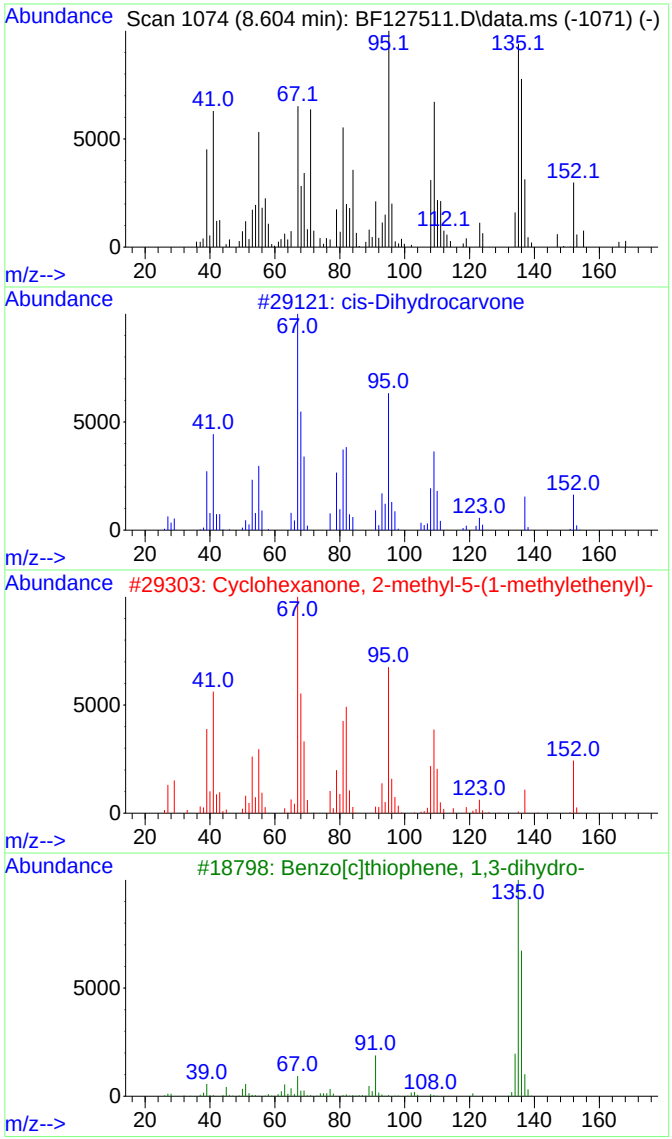
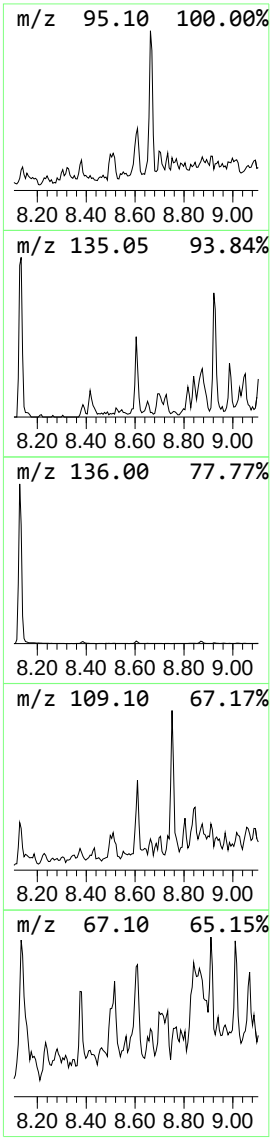
Peak Number 6 unknown8.604 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	3.71 ng	151233	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Dihydrocarvone	152	C10H16O	003792-53-8	43
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	43
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	30
4	(+)-Dihydrocarvone	152	C10H16O	005524-05-0	30
5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

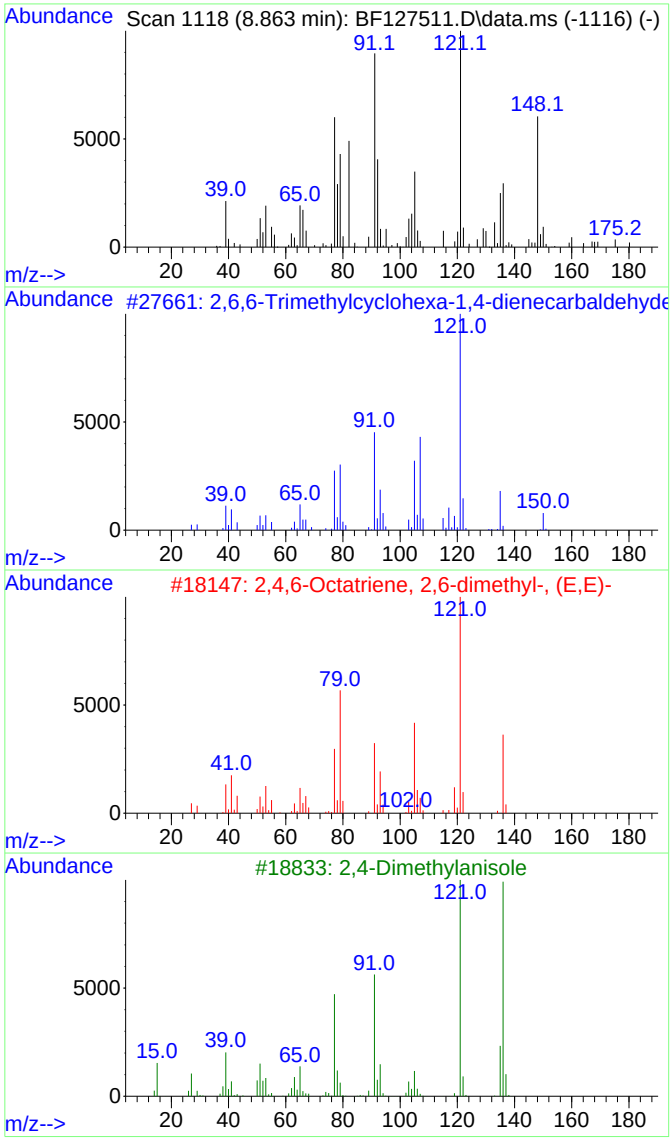
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

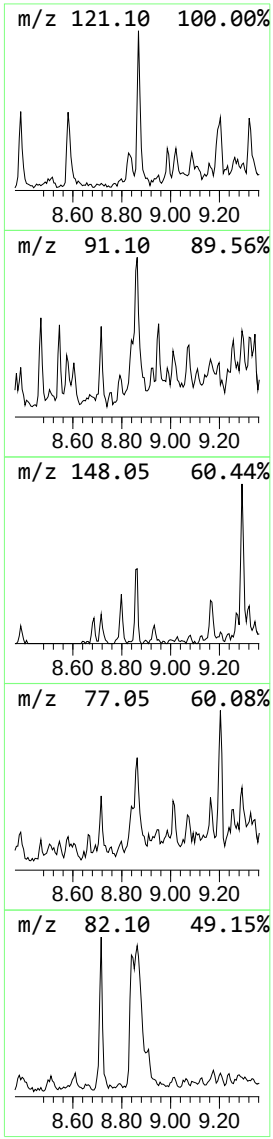
****

Peak Number 7 unknown8.863 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	5.03 ng	204868	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,6-Trimethylcyclohexa-1,4-die...	150	C10H14O	162376-82-1	38
2	2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	003016-19-1	38
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	38
4	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	25
5	2-Isopropylbenzaldehyde	148	C10H12O	006502-22-3	25





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Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

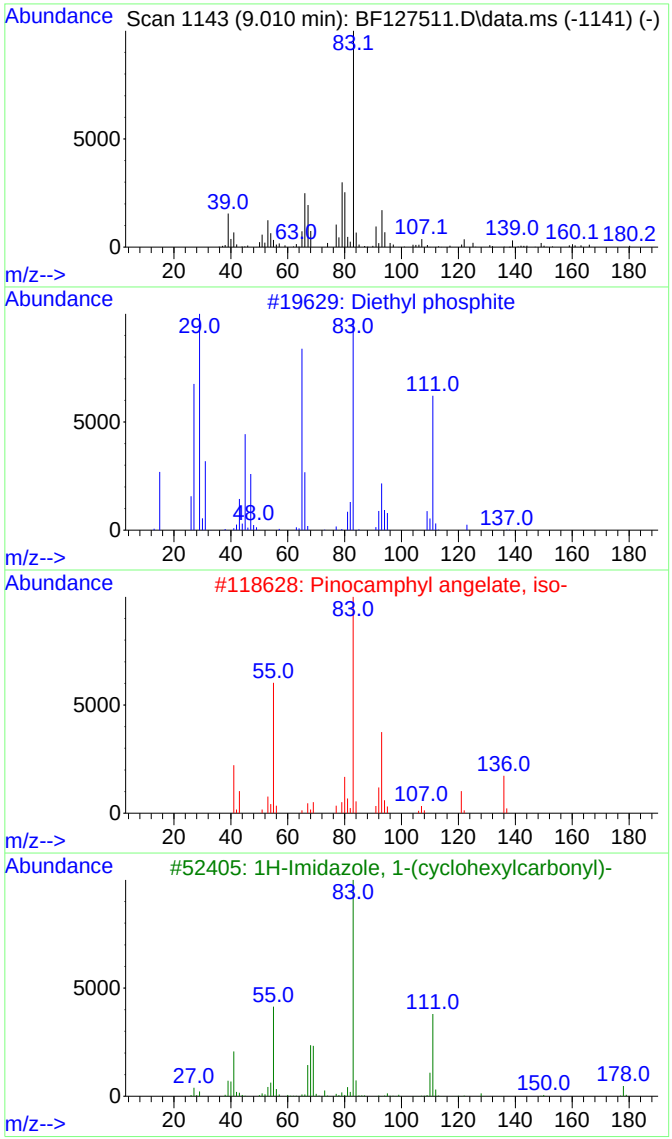
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

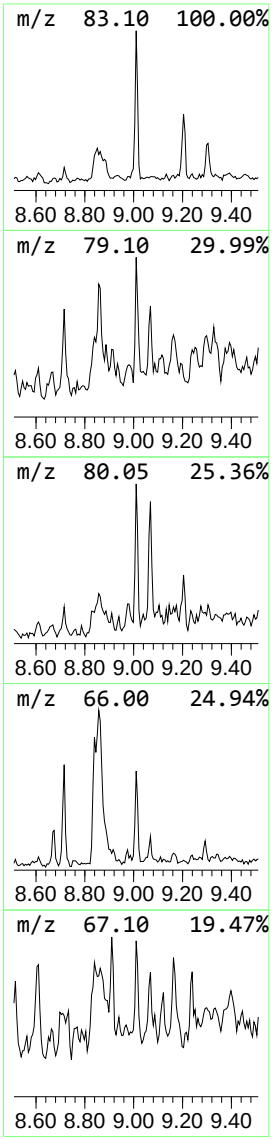
****

Peak Number 8 unknown9.010 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	3.49 ng	134297	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl phosphite	138	C4H11O3P	000762-04-9	33
2	Pinocamphyl angelate, iso-	236	C15H24O2	1000383-57-7	12
3	1H-Imidazole, 1-(cyclohexylcarbo...	178	C10H14N2O	060718-45-8	12
4	Ethyl 2-octynoate	168	C10H16O2	010519-20-7	10
5	3-Methyl-2-butenoic acid, phenyl...	176	C11H12O2	054897-52-8	10





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Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

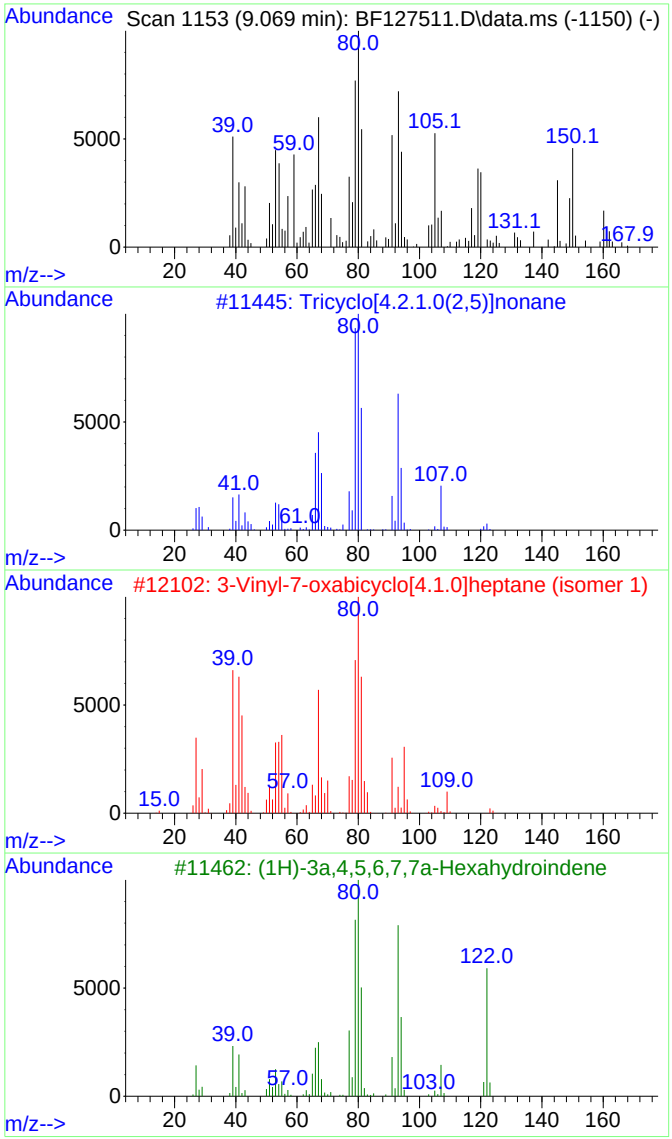
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

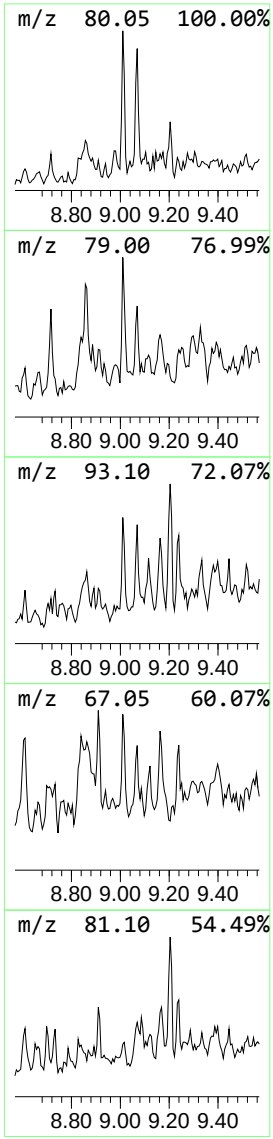
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tricyclo[4.2.1.0(2,5)]nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	3.22 ng	123952	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.2.1.0(2,5)]nonane	122	C9H14	1000195-06-2	60
2	3-Vinyl-7-oxabicyclo[4.1.0]hepta...	124	C8H12O	1000470-91-4	52
3	(1H)-3a,4,5,6,7,7a-Hexahydroindene	122	C9H14	1000196-59-5	47
4	N-(2-Cyanoethyl)-pyrrole	120	C7H8N2	043036-06-2	47
5	Tricyclo[4.2.1.1(2,5)]decan-9-one	150	C10H14O	067009-90-9	46





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Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

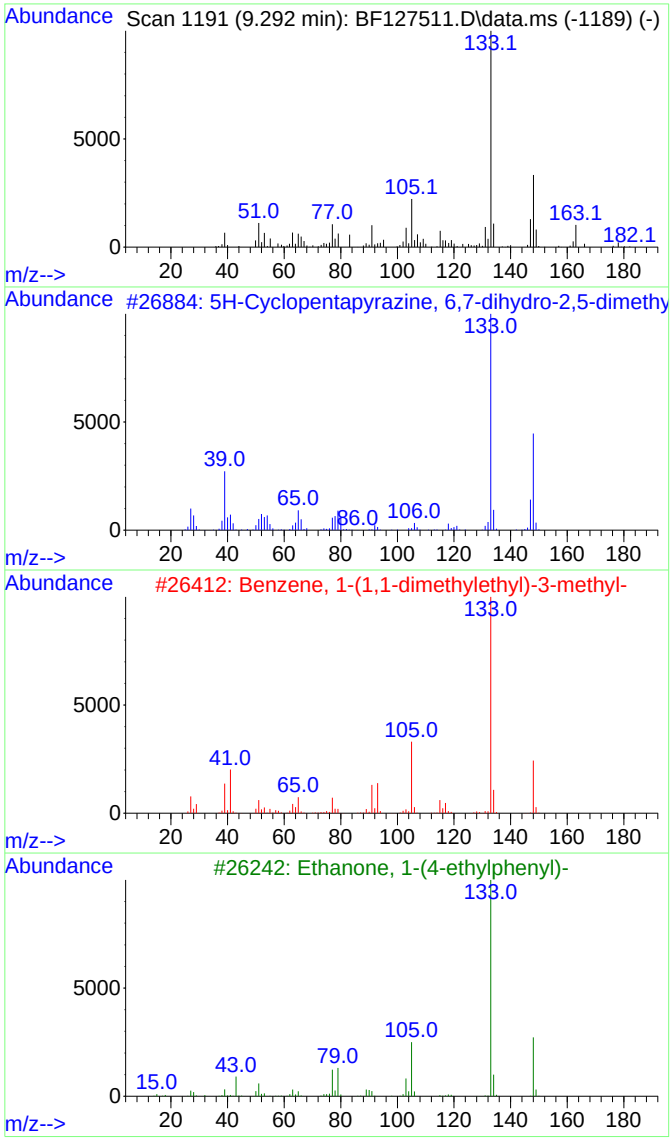
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

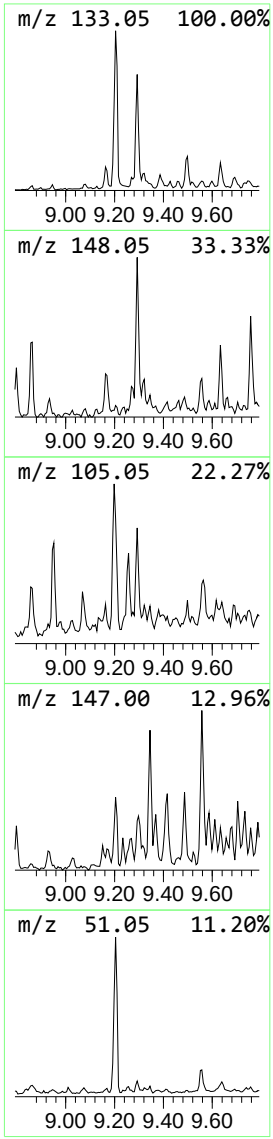
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5H-Cyclopentapyrazine, 6,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	3.30 ng	126959	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	68
2	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	68
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	68
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	68
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68





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Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

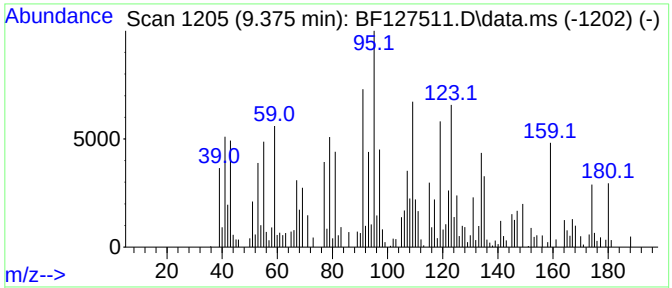
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

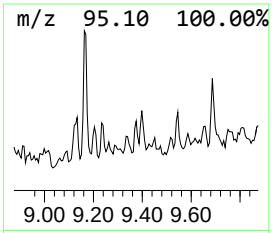
****

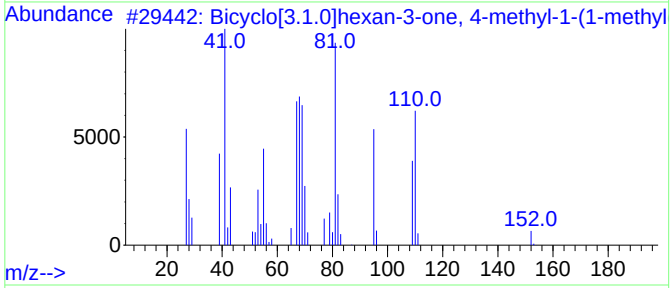
Peak Number 11 unknown9.375 Concentration Rank 20

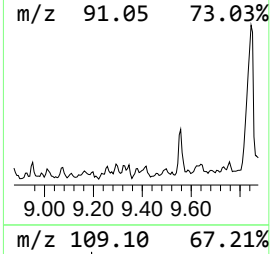
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	2.96 ng	113812	Acenaphthene-d10	9.886

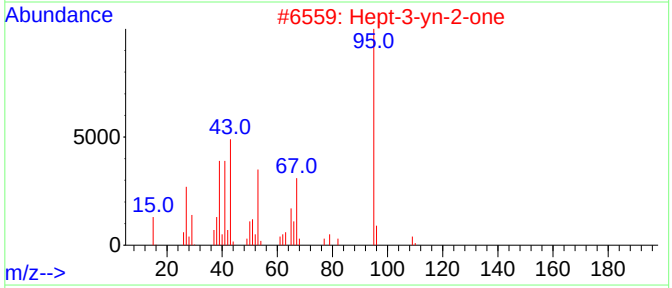
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	38
2	Hept-3-yn-2-one	110	C7H10O	026059-43-8	35
3	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	35
4	2-Nonyne	124	C9H16	019447-29-1	25
5	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	25

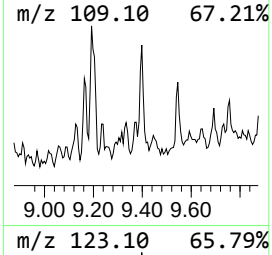


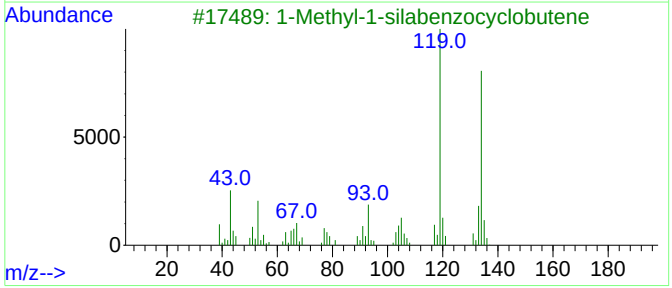


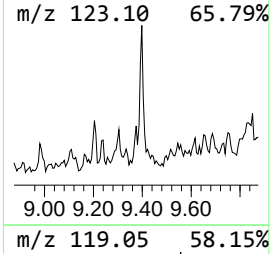


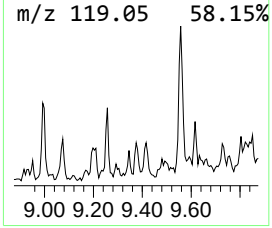












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Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

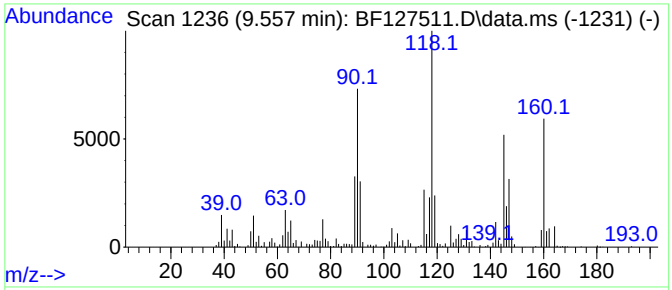
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

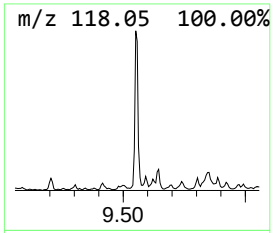
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

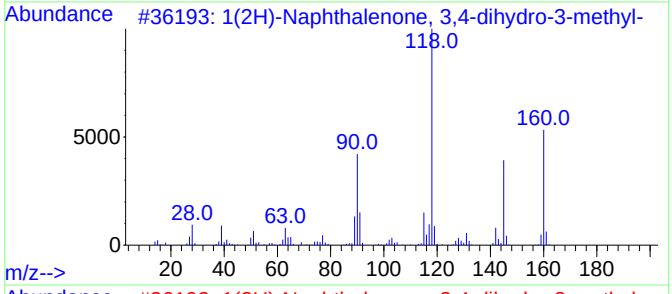
****
Peak Number 12 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 1

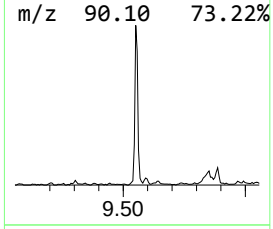
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	12.37 ng	476295	Acenaphthene-d10	9.886

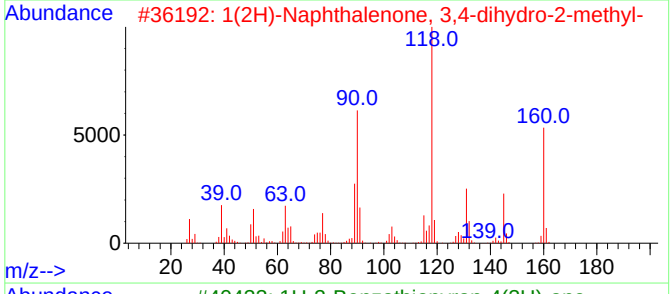
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	90
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	80
3	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	76
4	3,4-Dihydro-1-isoquinolinol	147	C9H9NO	001196-38-9	59
5	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	59

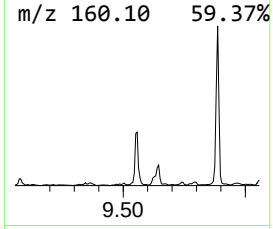


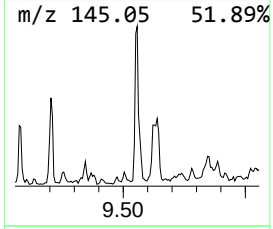


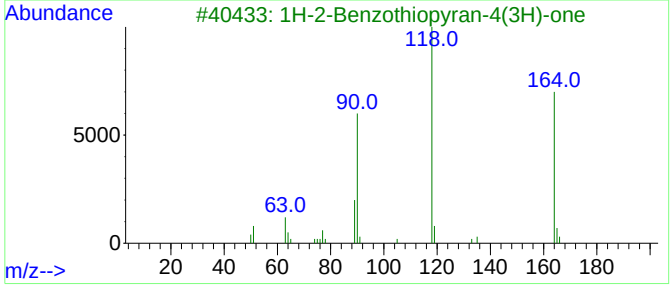


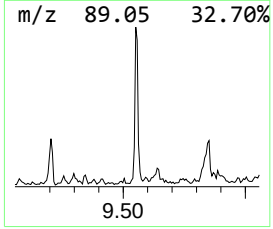












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Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

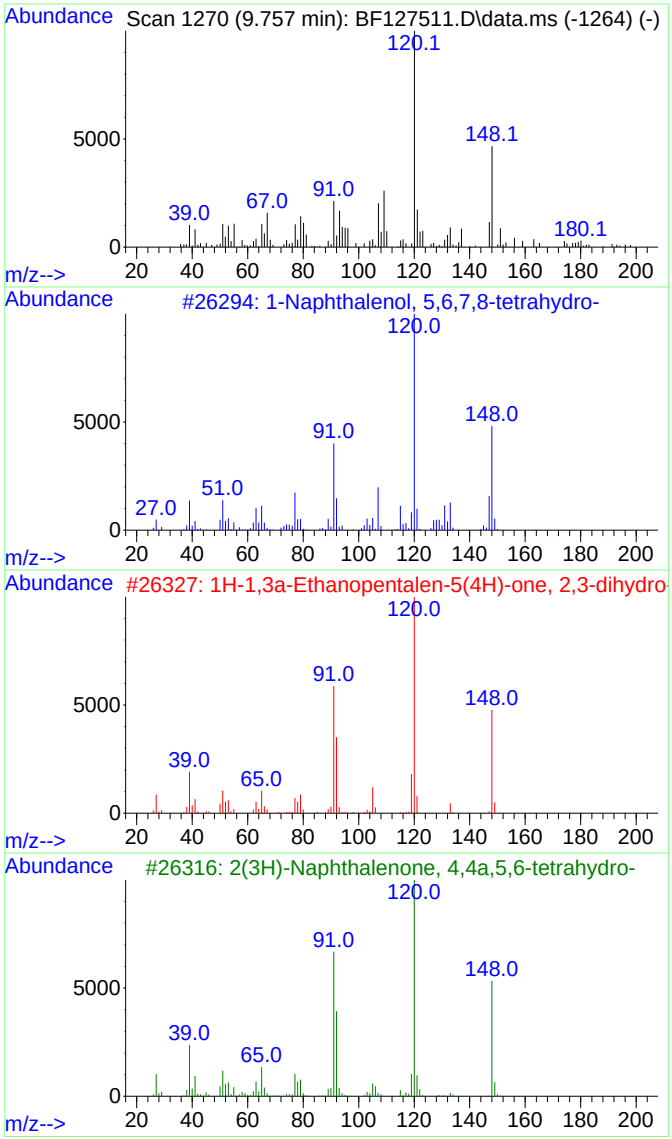
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

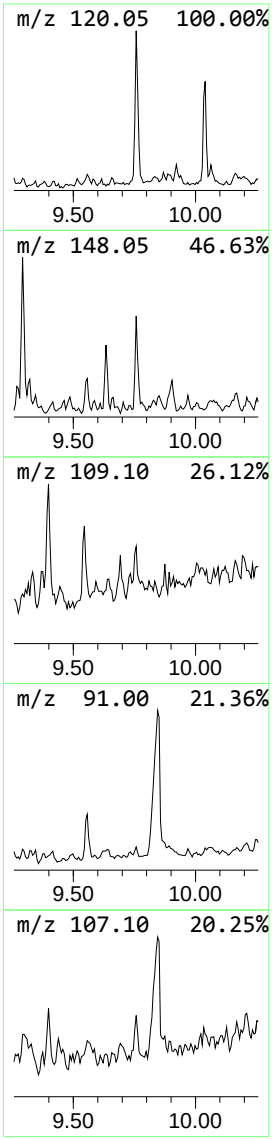
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Naphthalenol, 5,6,7,8-tet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	4.00 ng	154035	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,6,7,8-tetrahydro-	148	C10H12O	000529-35-1	64
2	1H-1,3a-Ethanopentalen-5(4H)-one...	148	C10H12O	117221-76-8	49
3	2(3H)-Naphthalenone, 4,4a,5,6-te...	148	C10H12O	034545-87-4	47
4	4-Ethoxystyrene	148	C10H12O	005459-40-5	47
5	N-Methyl-N-phenyltrimethylenedia...	164	C10H16N2	053485-07-7	37





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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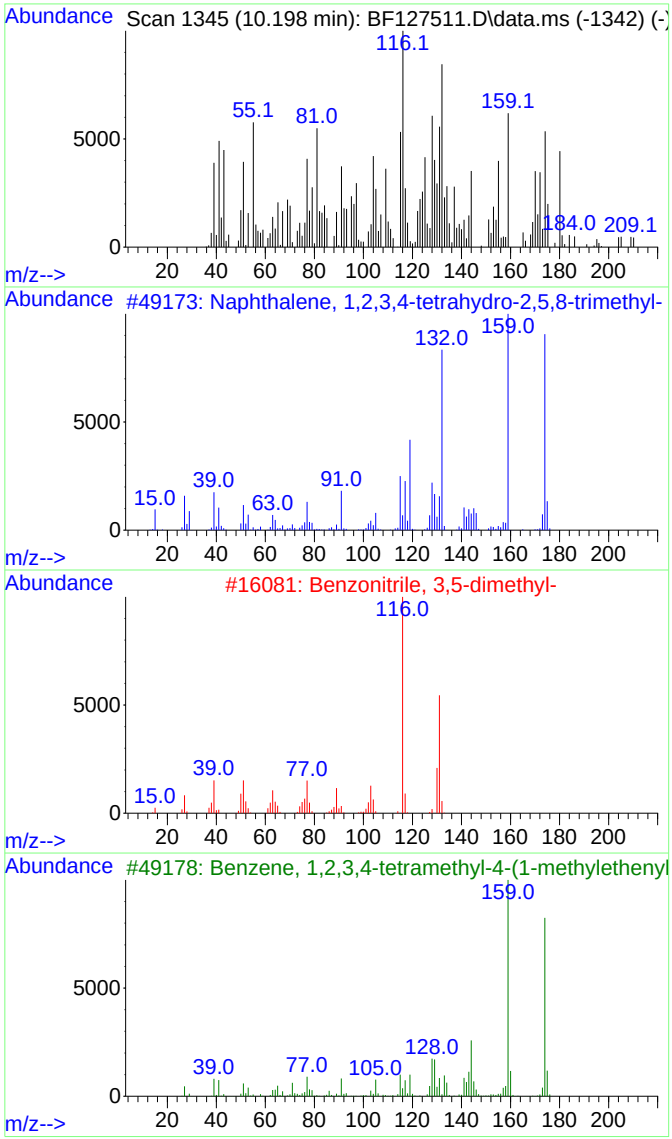
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

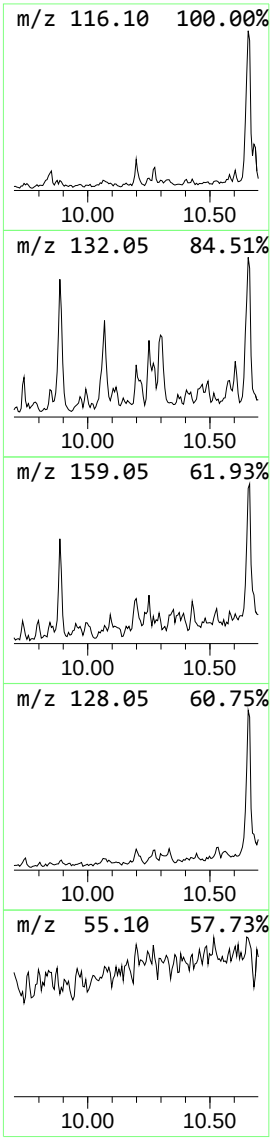
****

Peak Number 14 unknown10.198 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	3.64 ng	140020	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	30
2	Benzonitrile, 3,5-dimethyl-	131	C9H9N	022445-42-7	25
3	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	25
4	Xenon	132	Xe	007440-63-3	22
5	Benzene, 1-methyl-3-(1-methyleth...	132	C10H12	001124-20-5	11





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ALS Vial : 18 Sample Multiplier: 1

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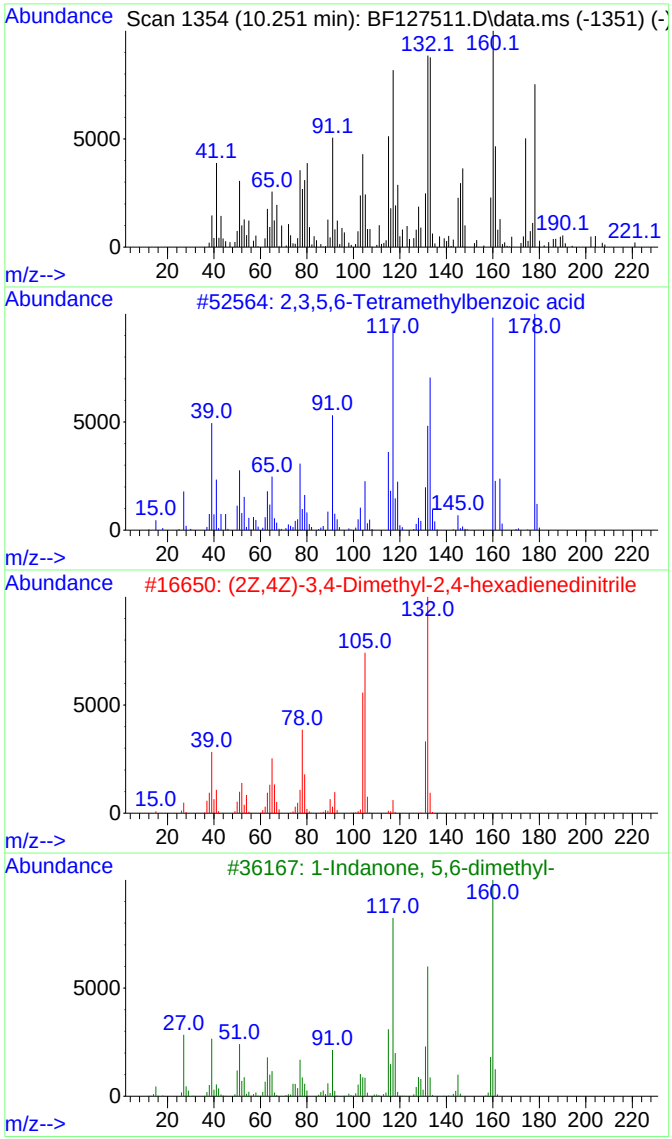
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

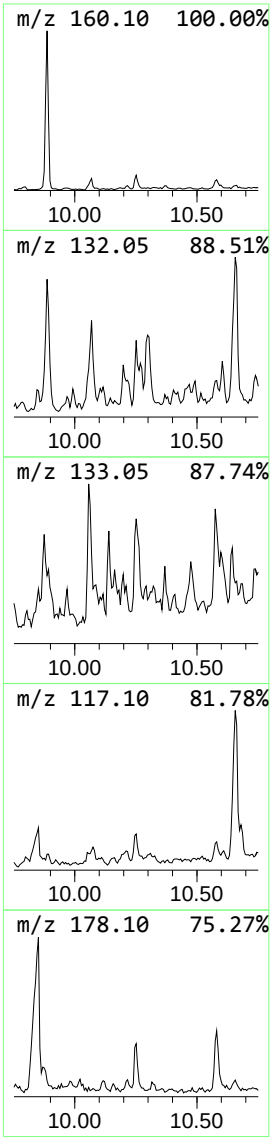
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,3,5,6-Tetramethylbenzoic ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	3.64 ng	140118	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	58
2	(2Z,4Z)-3,4-Dimethyl-2,4-hexadie...	132	C8H8N2	001557-61-5	44
3	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	42
4	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	38
5	2H-1-Benzopyran-2-one, 7-methyl-	160	C10H8O2	002445-83-2	38





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Data File : BF127511.D
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Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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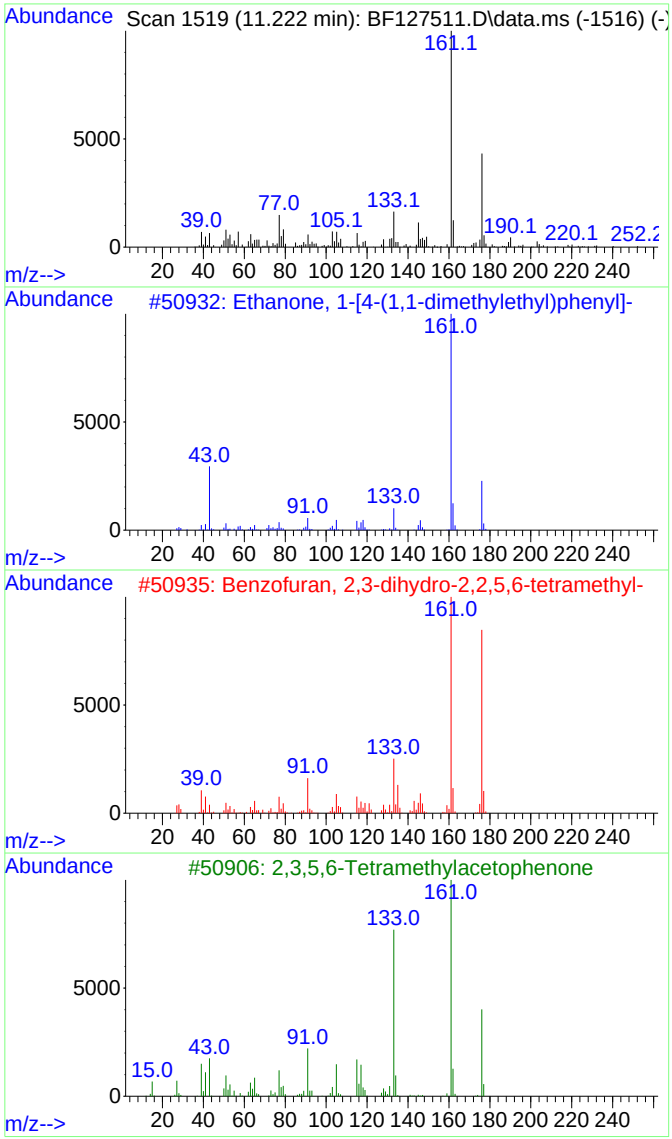
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

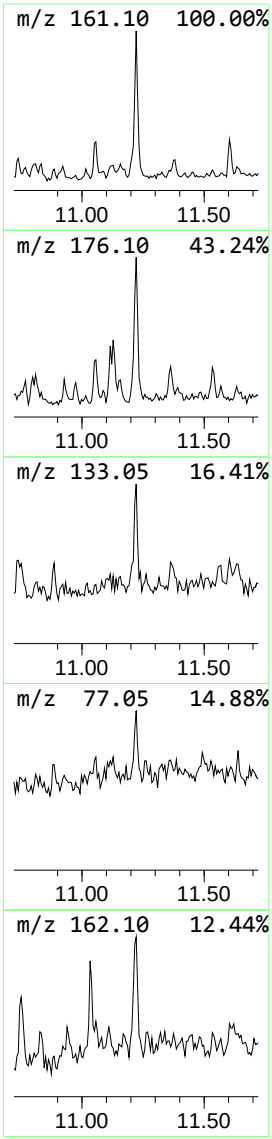
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Ethanone, 1-[4-(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	6.91 ng	180017	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1,1-dimethylethy...	176	C12H16O	000943-27-1	80
2	Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	78
3	2,3,5,6-Tetramethylacetophenone	176	C12H16O	002142-79-2	72
4	3-Cyano-5-ethyl-4,6-dimethyl-pyr...	176	C10H12N2O	151693-96-8	72
5	Benzene, 1,2,3,4-tetramethyl-5-(...	176	C13H20	061142-67-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

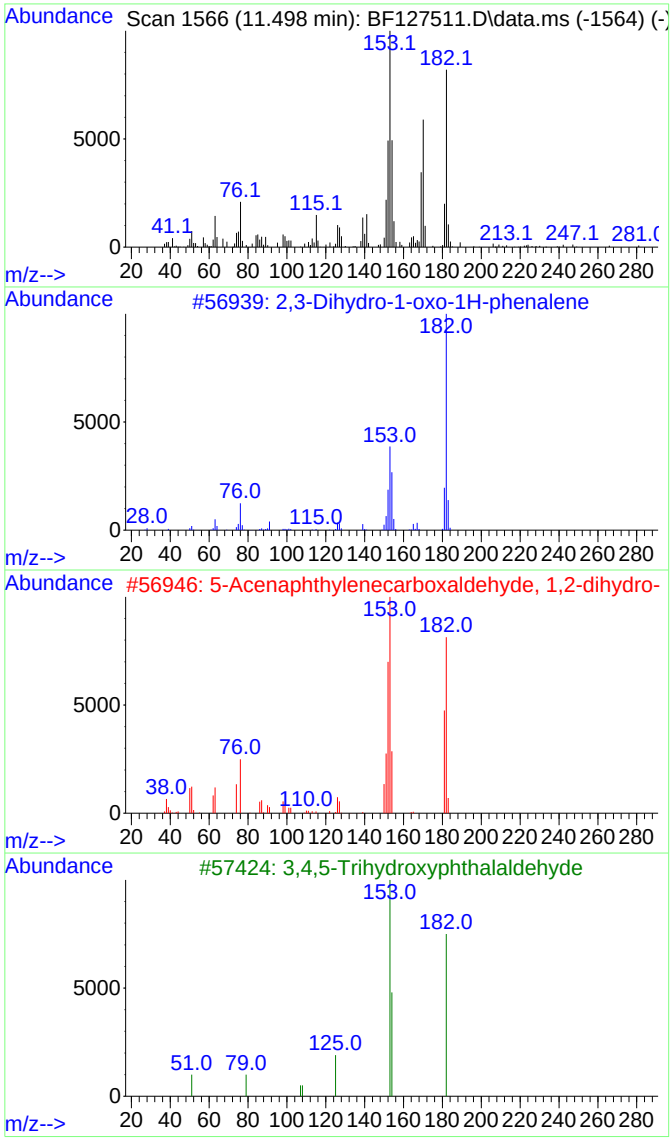
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

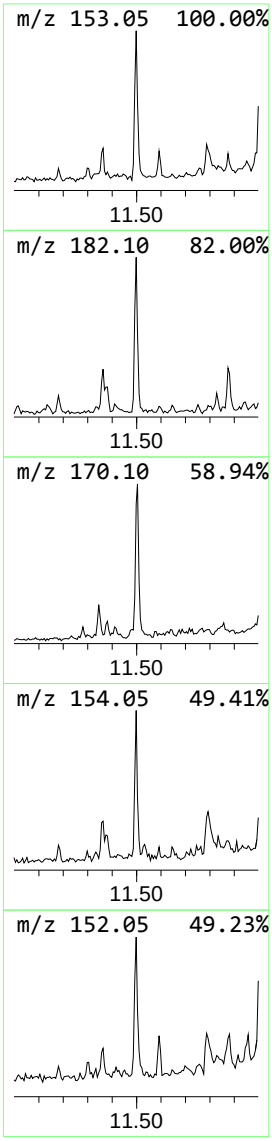
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.498	5.59 ng	145684	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	90
2	5-Acenaphthylenecarboxaldehyde, ...	182	C13H10O	1000362-64-3	43
3	3,4,5-Trihydroxyphthalaldehyde	182	C8H6O5	016790-41-3	43
4	7-Chloro-3,4-dihydro-2[1H]-quino...	182	C8H7ClN2O	066367-05-3	35
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	27





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Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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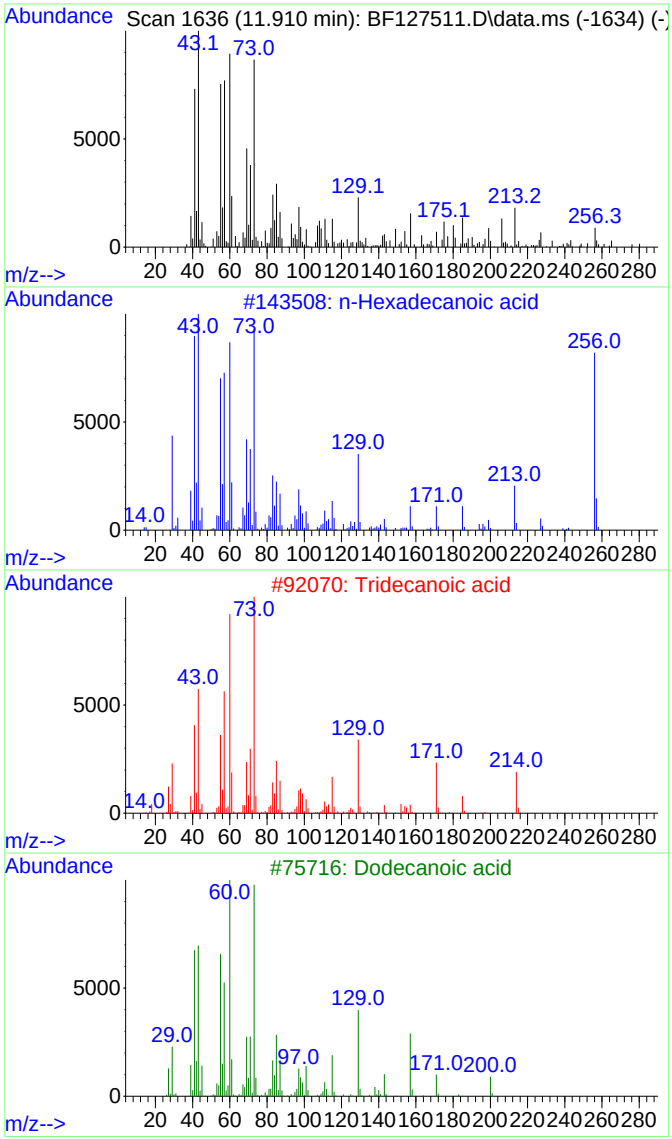
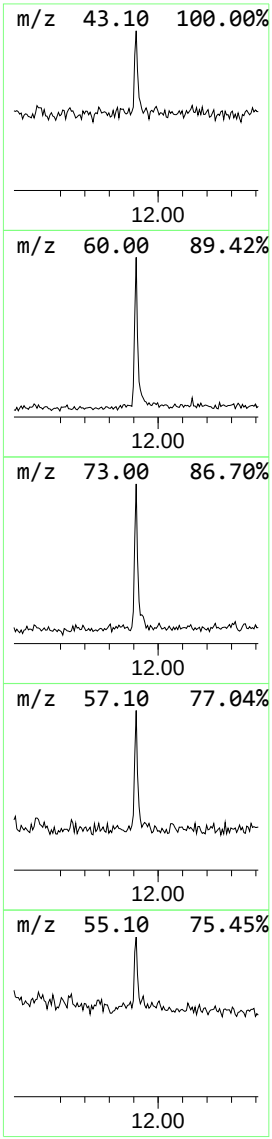
Peak Number 18 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	5.20 ng	135539	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





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Data File : BF127511.D
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Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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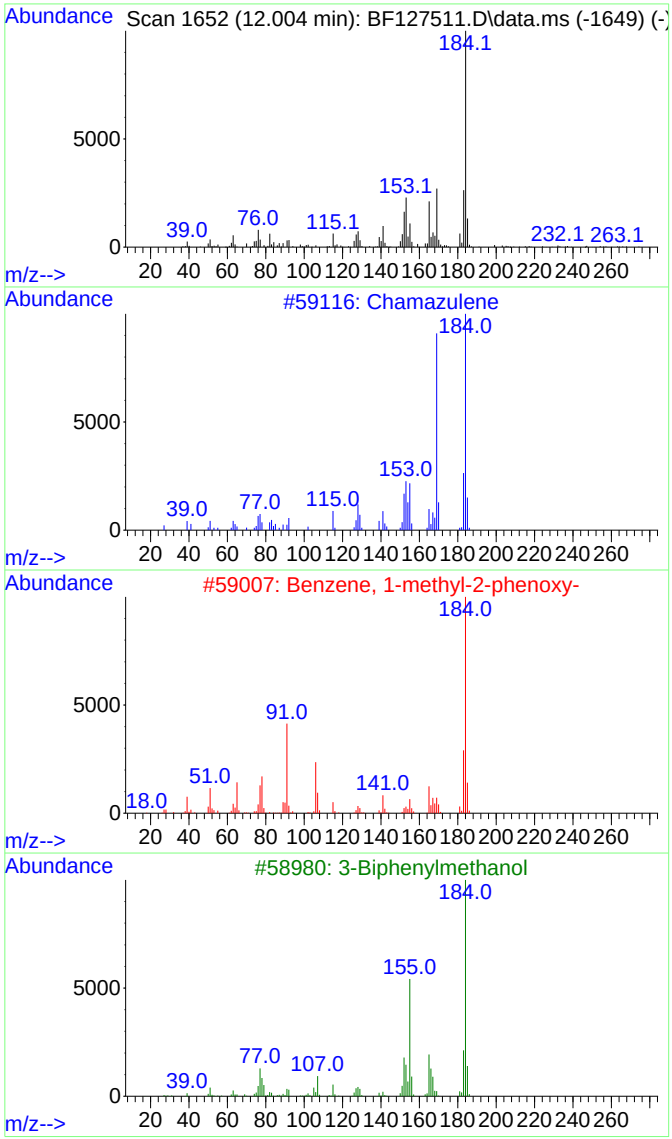
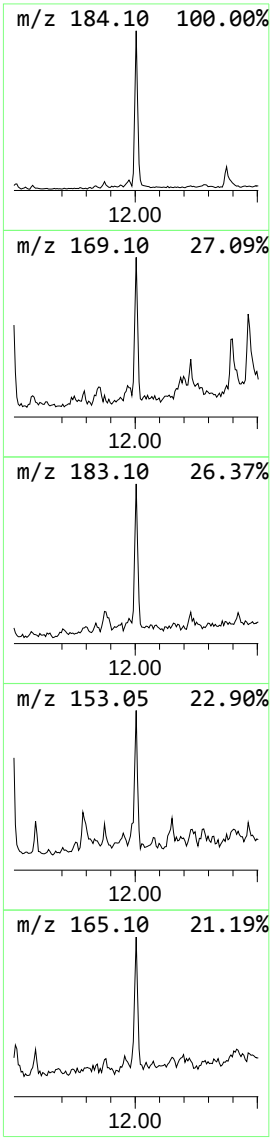
Peak Number 19 Chamazulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	10.45 ng	272437	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	89
2	Benzene, 1-methyl-2-phenoxy-	184	C13H12O	003991-61-5	70
3	3-Biphenylmethanol	184	C13H12O	069605-90-9	62
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	58
5	4-Benzylphenol, 2-methylpropionate	254	C17H18O2	1000462-36-7	58





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Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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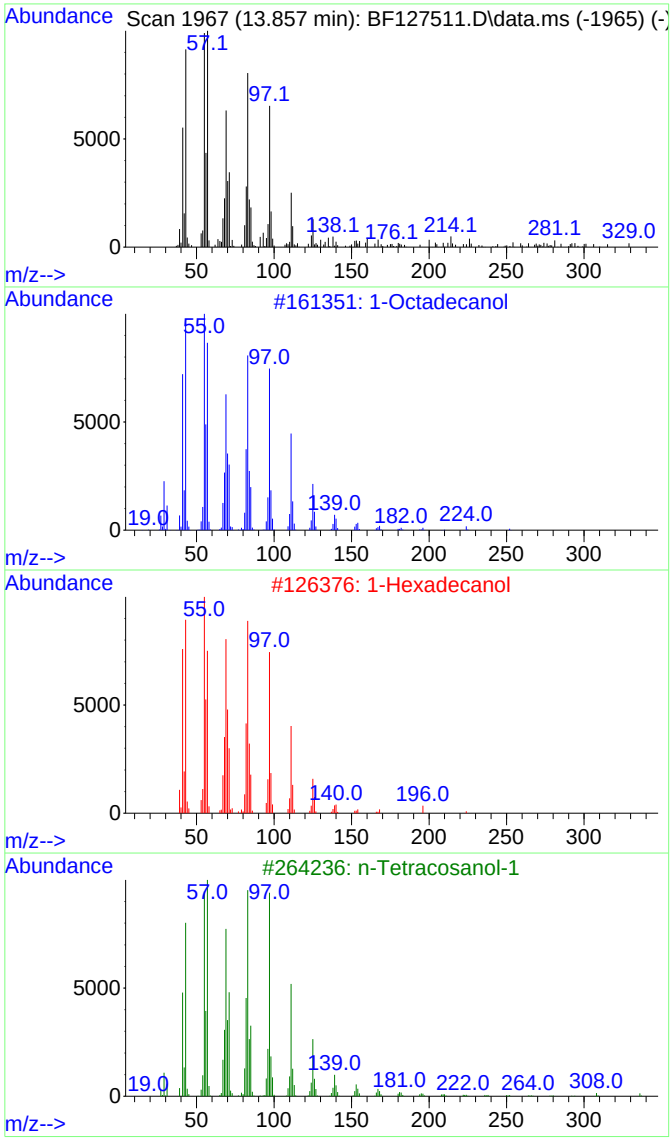
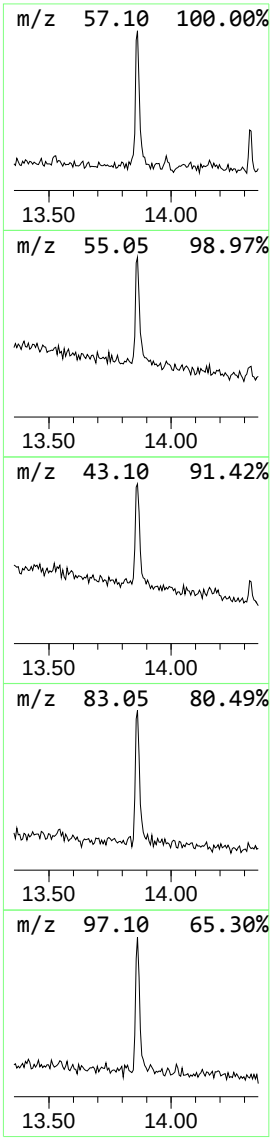
Peak Number 20 1-Octadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	4.90 ng	108390	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BF127511.D
Acq On : 24 Mar 2022 19:18
Operator : CG\JU
Sample : N2090-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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
Di-sec-Butyl ether	4.357	4.2	ng	114144	1	6.845	540106	20.0
Butane, 1-(1-me...	4.440	4.0	ng	109190	1	6.845	540106	20.0
Z-1-Methoxy-2-p...	7.351	4.0	ng	109101	1	6.845	540106	20.0
5H-Inden-5-one,...	8.381	4.8	ng	196565	2	8.128	815365	20.0
unknown8.510	8.510	3.2	ng	130840	2	8.128	815365	20.0
unknown8.604	8.604	3.7	ng	151233	2	8.128	815365	20.0
unknown8.863	8.863	5.0	ng	204868	2	8.128	815365	20.0
unknown9.010	9.010	3.5	ng	134297	3	9.886	769917	20.0
Tricyclo[4.2.1....	9.069	3.2	ng	123952	3	9.886	769917	20.0
5H-Cyclopentapy...	9.292	3.3	ng	126959	3	9.886	769917	20.0
unknown9.375	9.375	3.0	ng	113812	3	9.886	769917	20.0
1(2H)-Naphthale...	9.557	12.4	ng	476295	3	9.886	769917	20.0
1-Naphthalenol,...	9.757	4.0	ng	154035	3	9.886	769917	20.0
unknown10.198	10.198	3.6	ng	140020	3	9.886	769917	20.0
2,3,5,6-Tetrame...	10.251	3.6	ng	140118	3	9.886	769917	20.0
Ethanone, 1-[4-...	11.222	6.9	ng	180017	4	11.380	521381	20.0
2,3-Dihydro-1-o...	11.498	5.6	ng	145684	4	11.380	521381	20.0
n-Hexadecanoic ...	11.910	5.2	ng	135539	4	11.380	521381	20.0
Chamazulene	12.004	10.4	ng	272437	4	11.380	521381	20.0
1-Octadecanol	13.857	4.9	ng	108390	5	14.027	442362	20.0