LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126117.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	13	rVB	597123	715074	35.17%	2.119%
2	2.669	94	99	108	rVB	128777	180351	8.87%	0.534%
3	5.469	571	575	578	rBV	2228127	1926561	94.75%	5.710%
4	5.716	611	617	624	rVB	74914	74682	3.67%	0.221%
5	6.481	742	747	756	rBV	2236541	1935282	95.18%	5.735%
6	6.857	807	811	814	rBV	1235255	1061823	52.22%	3.147%
7	6.992	828	834	843	rBV2	128787	188058	9.25%	0.557%
8	7.410	898	905	908	rBV	1358693	1157497	56.93%	3.430%
9	8.039	1009	1012	1020	rBV2	111213	150651	7.41%	0.446%
10	8.134	1023	1028	1032	rBV	1280599	1193111	58.68%	3.536%
11	8.198	1036	1039	1042	rVB	85709	76320	3.75%	0.226%
12	8.281	1046	1053	1057	rBV2	80964	159881	7.86%	0.474%
13	8.339	1059	1063	1068	rVB2	175179	223791	11.01%	0.663%
14	8.410	1072	1075	1077	rBV	82829	84335	4.15%	0.250%
15	8.486	1085	1088	1089	rBV2	73957	85752	4.22%	0.254%
16	8.516	1089	1093	1096	rVV3	301968	464394	22.84%	1.376%
17	8.563	1096	1101	1106	rVB2	234449	388159	19.09%	1.150%
18	8.733	1127	1130	1133	rVB2	152478	135298	6.65%	0.401%
19	8.951	1164	1167	1170	rBV3	59796	69291	3.41%	0.205%
20	9.092	1188	1191	1195	rBV5	57480	69727	3.43%	0.207%
21	9.133	1195	1198	1200	rBV	75408	69794	3.43%	0.207%
22	9.157	1200	1202	1205	rVB	117802	106063	5.22%	0.314%
23	9.210	1207	1211	1214	rBV	2285202	1744694	85.80%	5.171%
24	9.292	1222	1225	1228	rBV	230050	214336	10.54%	0.635%
25	9.363	1234	1237	1239	rVB2	80139	62977	3.10%	0.187%
26	9.498	1256	1260	1262	rBV	317763	326217	16.04%	0.967%
27	9.551	1267	1269	1270	rBV	149657	110081	5.41%	0.326%
28	9.598	1275	1277	1279	rVV2	199403	181258	8.91%	0.537%
29	9.804	1310	1312	1314	rBV3	296041	227837	11.21%	0.675%
30	9.892	1320	1327	1330	rBV2	1590920	1830041	90.00%	5.424%
31	10.051	1352	1354	1355	rBV	168616	129469	6.37%	0.384%
32	10.151	1368	1371	1374	rBV2	255447	283145	13.93%	0.839%
33	10.304	1394	1397	1399	rBV2	575571	506242	24.90%	1.500%
34	10.551	1436	1439	1441	rVB	464460	440025	21.64%	1.304%
35	10.680	1457	1461	1464	rBV	1252116	1320310	64.93%	3.913%
36	10.816	1481	1484	1489	rVB2	1420140	1348318	66.31%	3.996%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.257	1556	1559	1561	rBV	808029	889928	43.77%	2.637%
38	11.280	1561	1563	1568	rVB2	987934	1066647	52.46%	3.161%
39	11.380	1577	1580	1582	rBV	1436618	1328095	65.32%	3.936%
40	11.404	1582	1584	1587	rVB	1268533	988580	48.62%	2.930%
41	11.592	1614	1616	1619	rBV2	743488	860470	42.32%	2.550%
42	12.598	1784	1787	1790	rVB	1799636	1455717	71.59%	4.314%
43	12.827	1824	1826	1827	rBV	1035210	708592	34.85%	2.100%
44	12.845	1827	1829	1837	rVB	1499342	2033328	100.00%	6.026%
45	12.968	1847	1850	1854	rBV	2032770	1861159	91.53%	5.516%
46	14.004	2024	2026	2027	rBV	963736	768516	37.80%	2.278%
47	14.657	2134	2137	2143	rVB	1129618	1334617	65.64%	3.955%
48	14.792	2157	2160	2163	rBV	697983	681036	33.49%	2.018%
49	14.862	2170	2172	2175	rVB	643452	524844	25.81%	1.555%

Sum of corrected areas: 33742374

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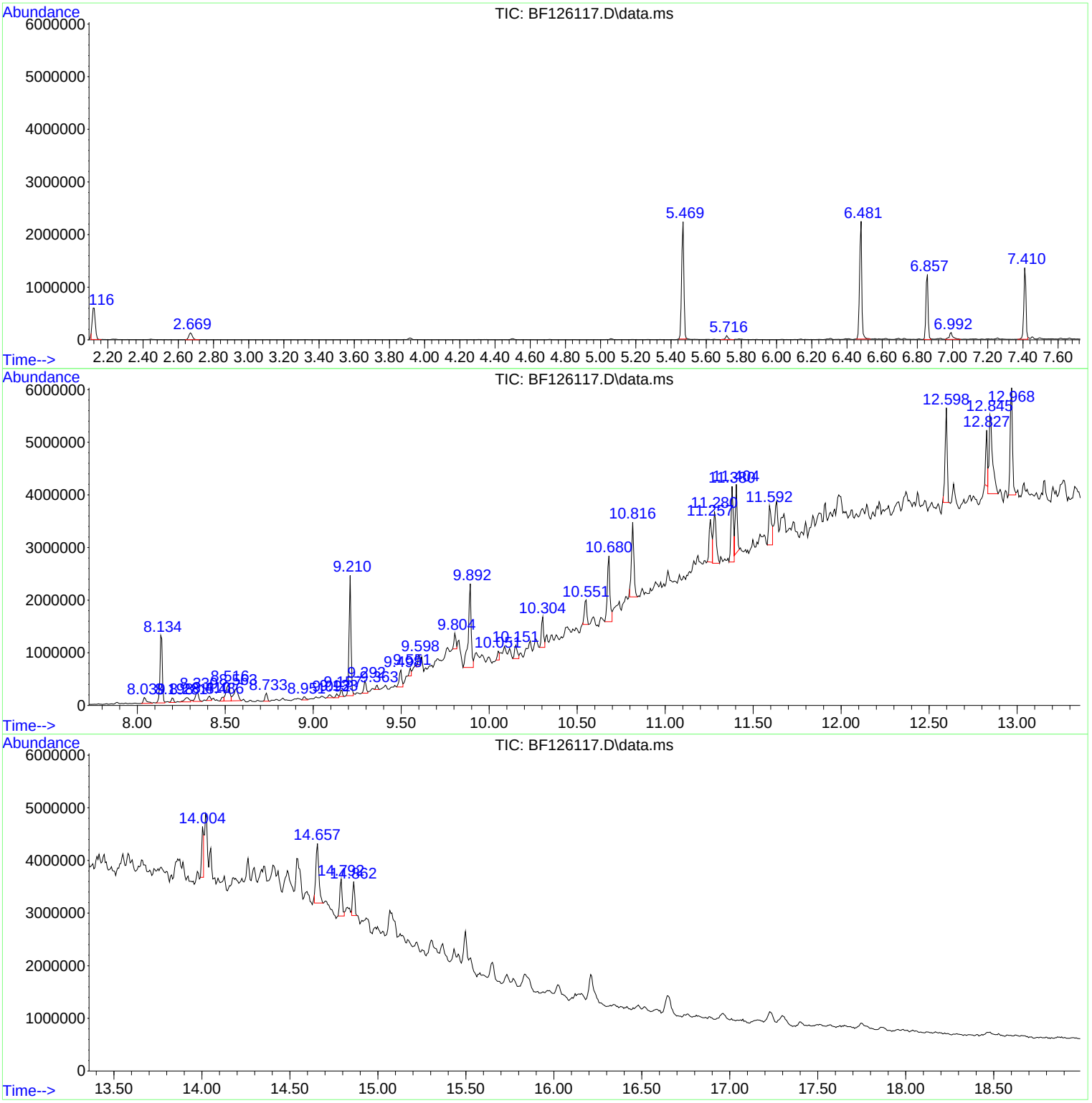
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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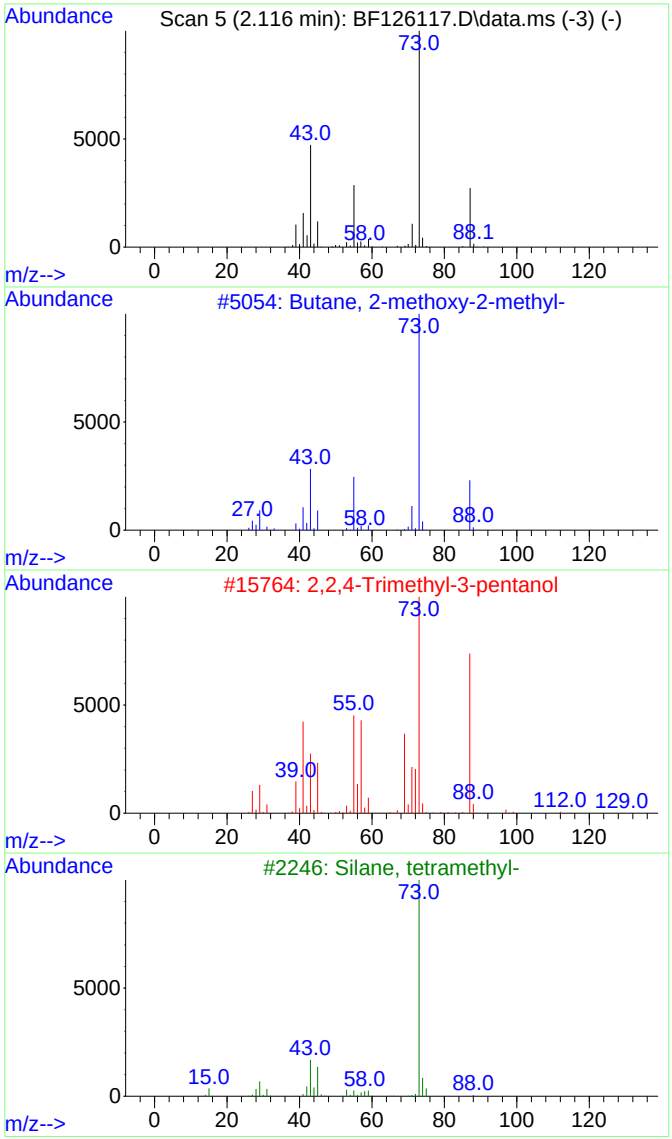
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

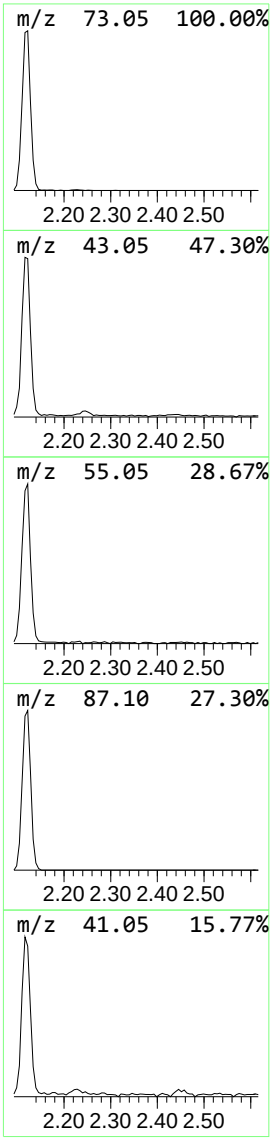
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	13.47 ng	715074	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

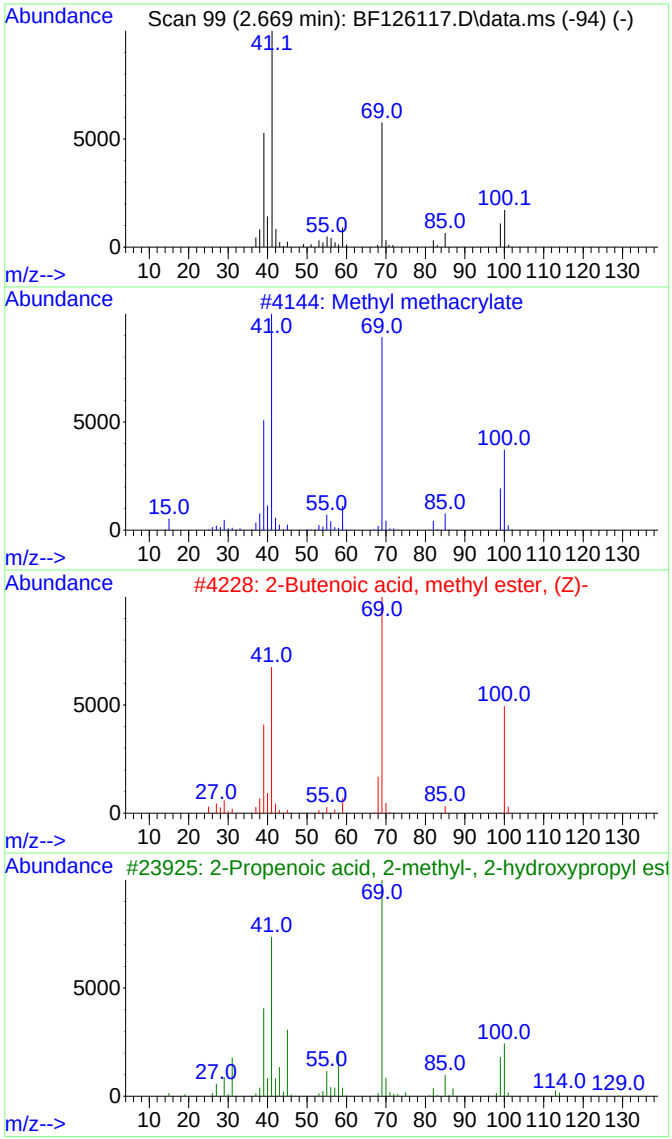
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

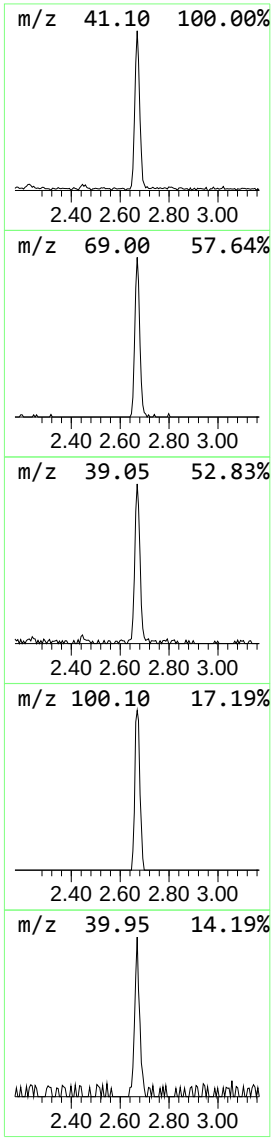
****

Peak Number 2 Methyl methacrylate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.669	3.40 ng	180351	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl methacrylate	100	C5H8O2	000080-62-6	91
2	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	80
3	2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	72
4	Methyl 3-butenoate	100	C5H8O2	003724-55-8	64
5	3-Cyclopropyl-3-oxopropanenitrile	109	C6H7NO	118431-88-2	43





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Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

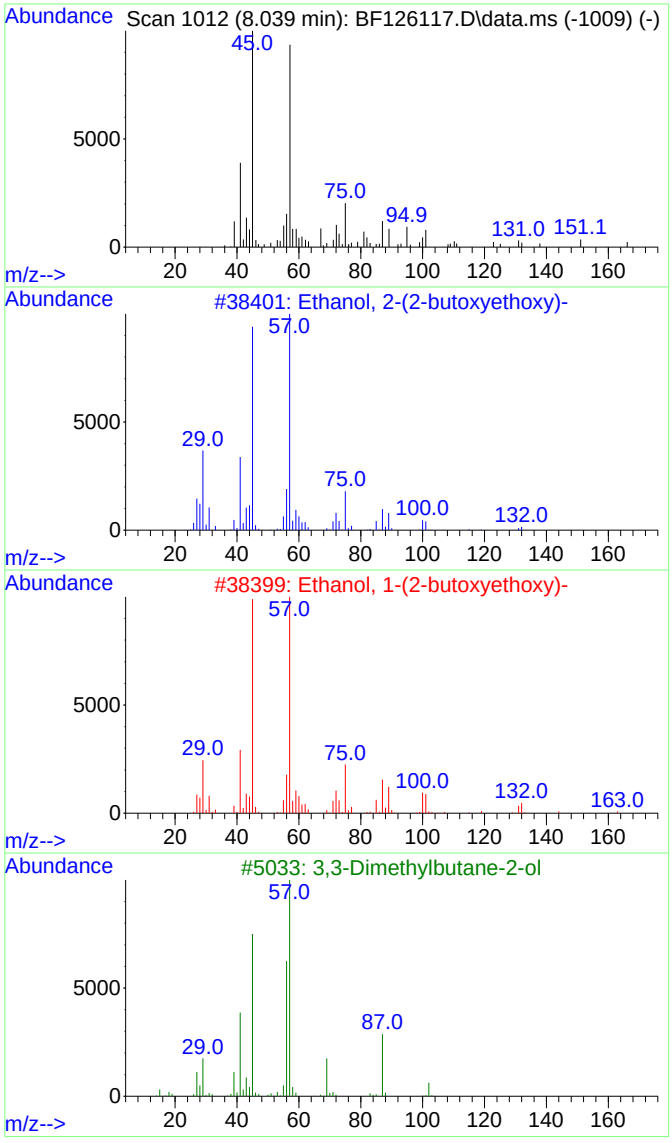
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

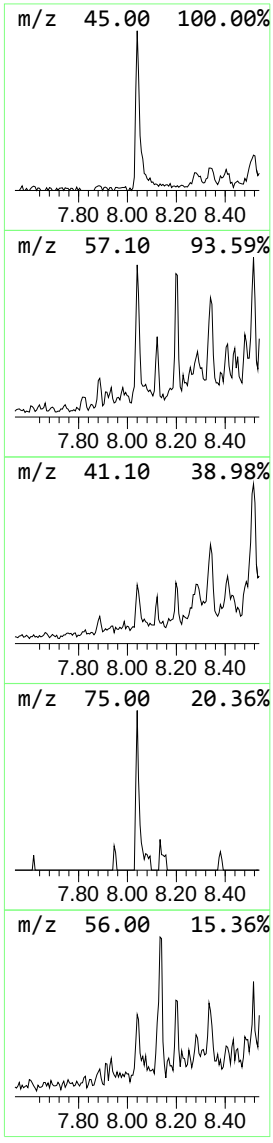
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.039	2.53 ng	150651	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	56
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	45
5	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

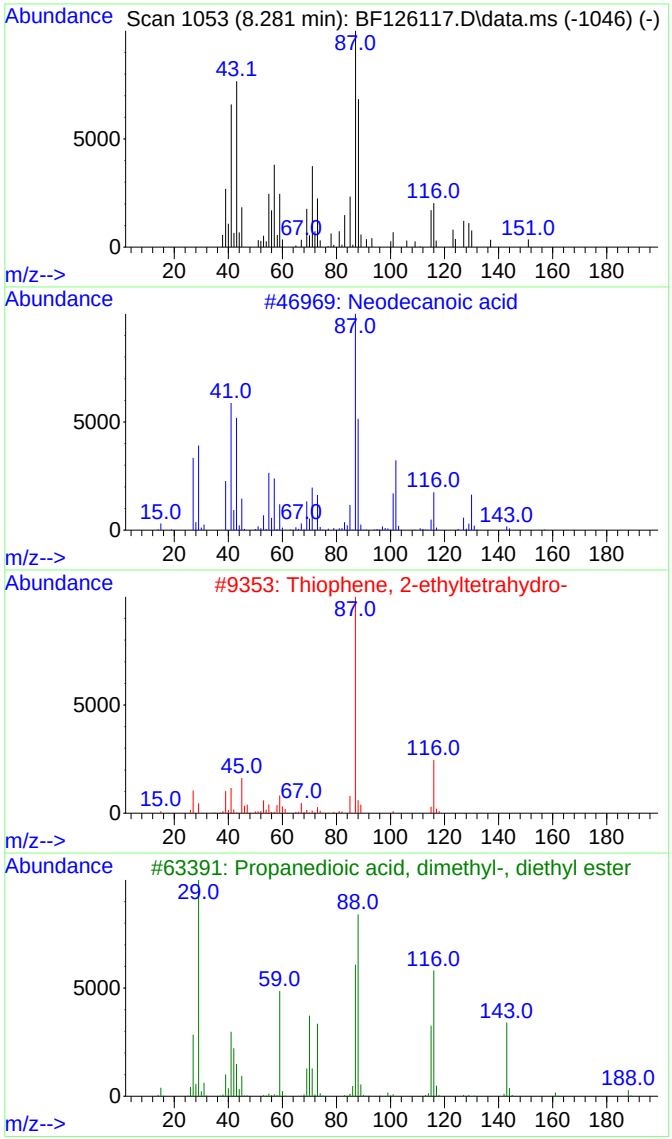
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

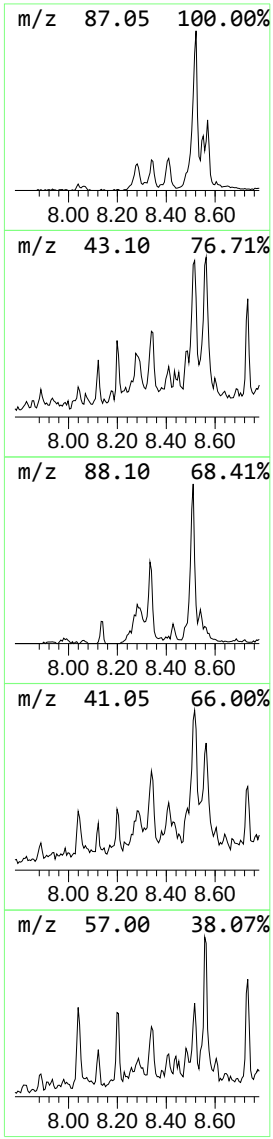
****

Peak Number 4 Neodecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	2.68 ng	159881	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neodecanoic acid	172	C10H20O2	026896-20-8	56
2	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	35
3	Propanedioic acid, dimethyl-, di...	188	C9H16O4	001619-62-1	35
4	2-[2-[2-(2-Butoxyethoxy)ethoxy]e...	292	C14H28O6	1000351-93-9	27
5	2-Hexanol, acetate	144	C8H16O2	005953-49-1	27





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Acq On : 10 Nov 2021 20:26
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Sample : M4576-04 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
DW-2

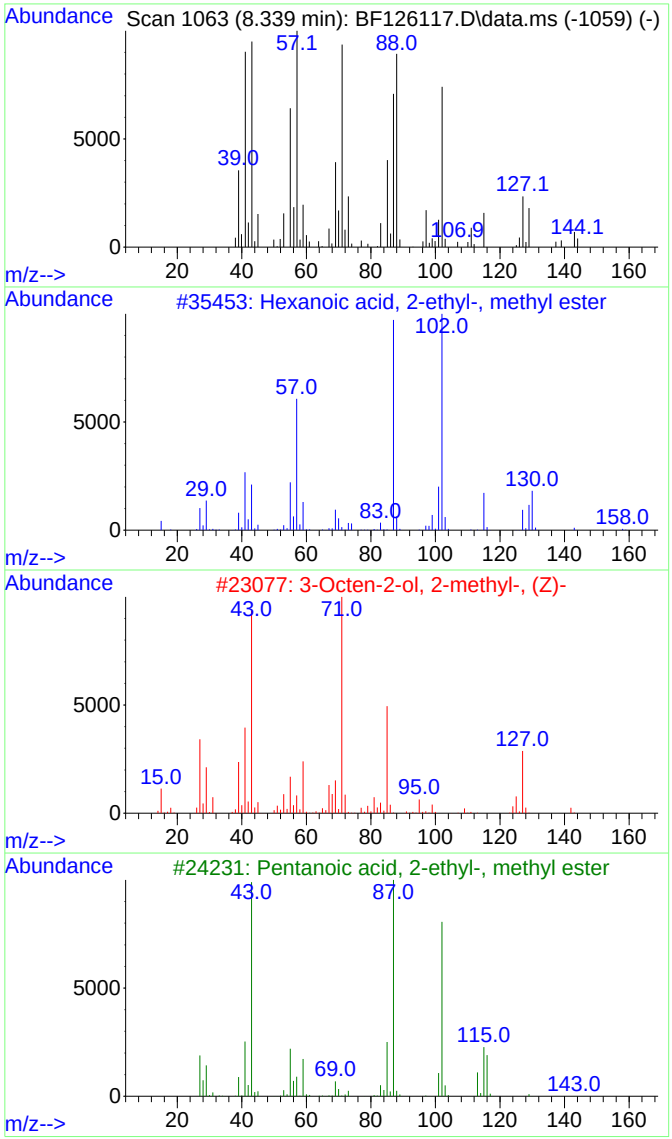
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

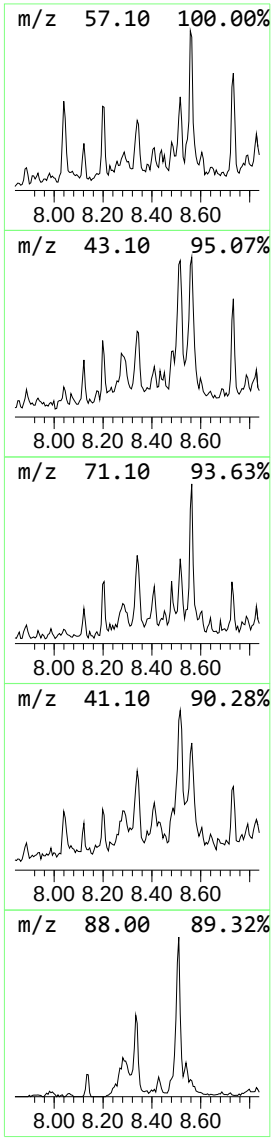
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown8.339 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.339	3.75 ng	223791	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	27
2	3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	27
3	Pentanoic acid, 2-ethyl-, methyl...	144	C8H16O2	000816-16-0	22
4	2,2-Dimethylthiirane	88	C4H8S	003772-13-2	18
5	2-Methyl-3-(methylthio)-1-propene	102	C5H10S	052326-10-0	18





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Misc :
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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

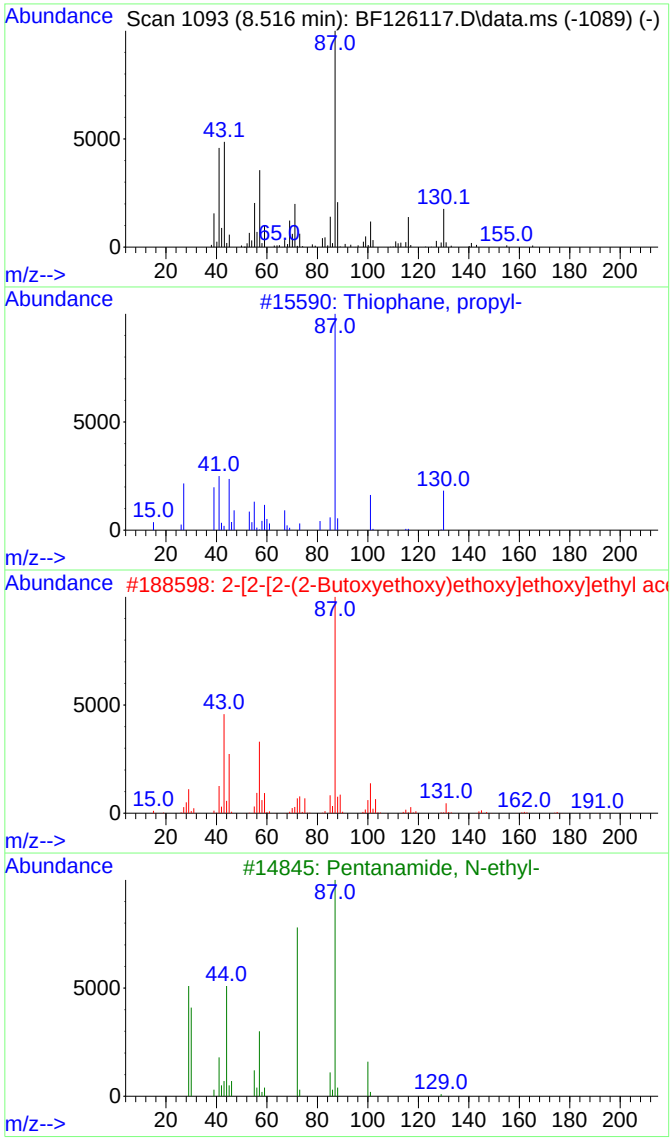
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

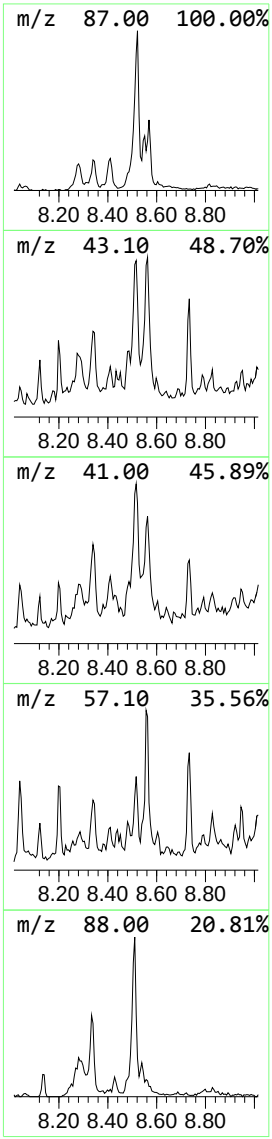
****

Peak Number 6 Thiophane, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	7.78 ng	464394	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophane, propyl-	130	C7H14S	001551-34-4	52
2	2-[2-[2-(2-Butoxyethoxy)ethoxy]e...	292	C14H28O6	1000351-93-9	50
3	Pentanamide, N-ethyl-	129	C7H15NO	054007-33-9	47
4	Hydrazine, 1,1-diethyl-2-propyl-	130	C7H18N2	067398-38-3	43
5	3-Methyldodecanoic acid	214	C13H26O2	013490-36-3	42





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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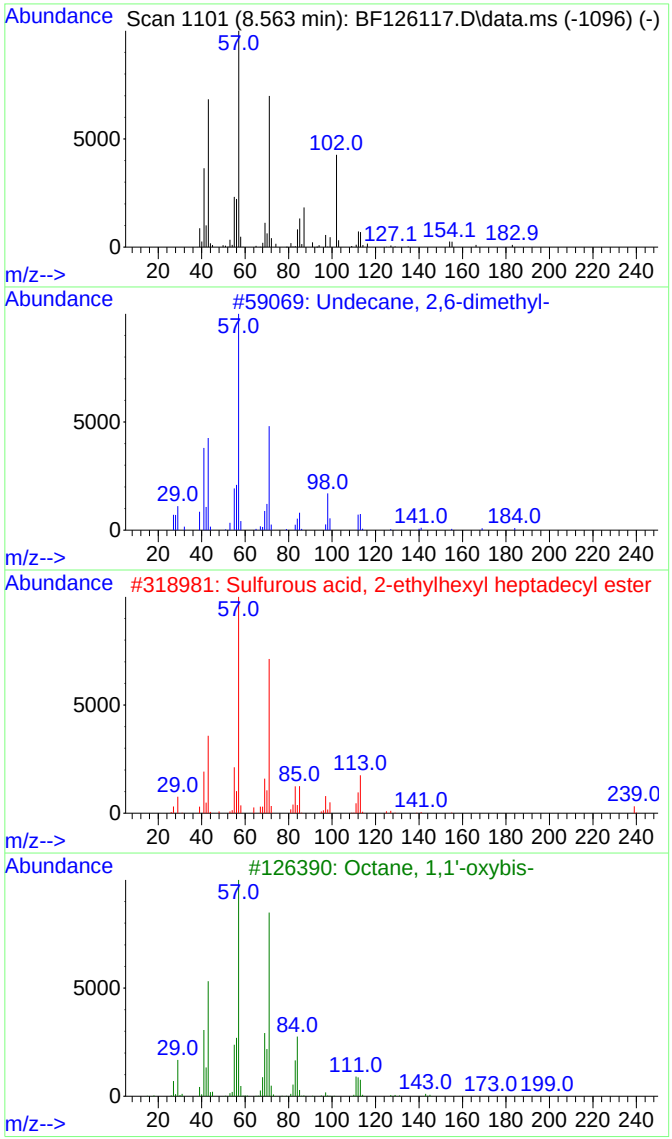
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

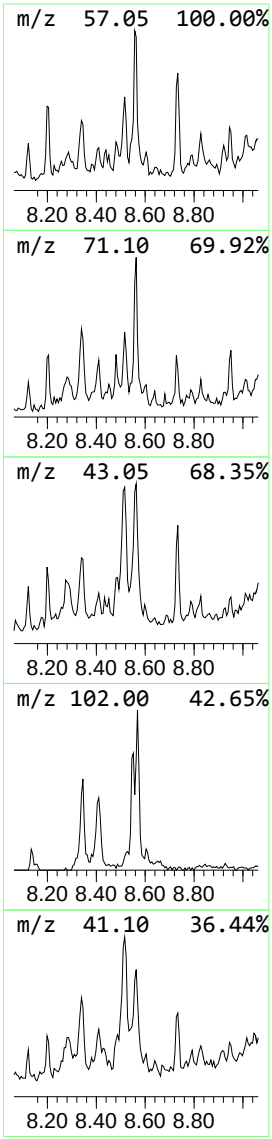
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	6.51 ng	388159	Naphthalene-d8	8.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	47
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

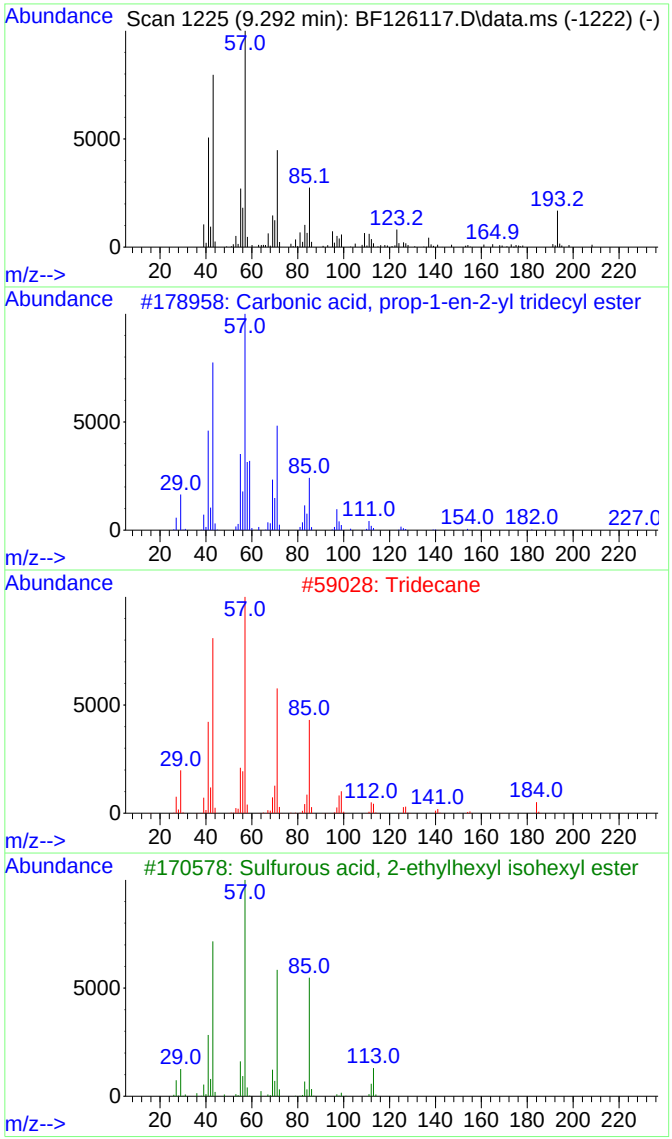
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

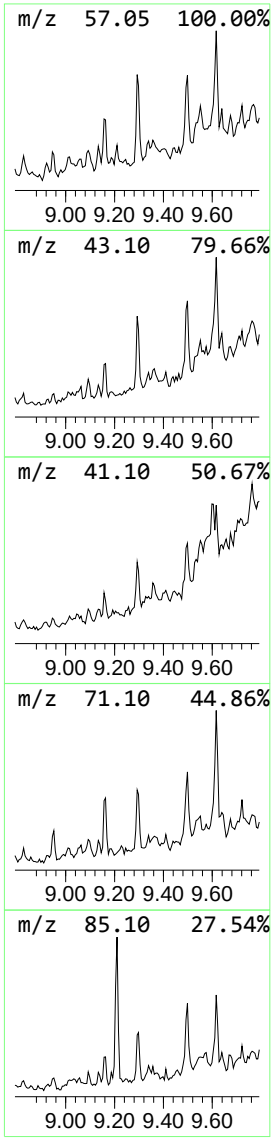
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Carbonic acid, prop-1-en-2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	2.34 ng	214336	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
2	Tridecane	184	C13H28	000629-50-5	58
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
4	Dodecane	170	C12H26	000112-40-3	53
5	Dotriacontane	451	C32H66	000544-85-4	53





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Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

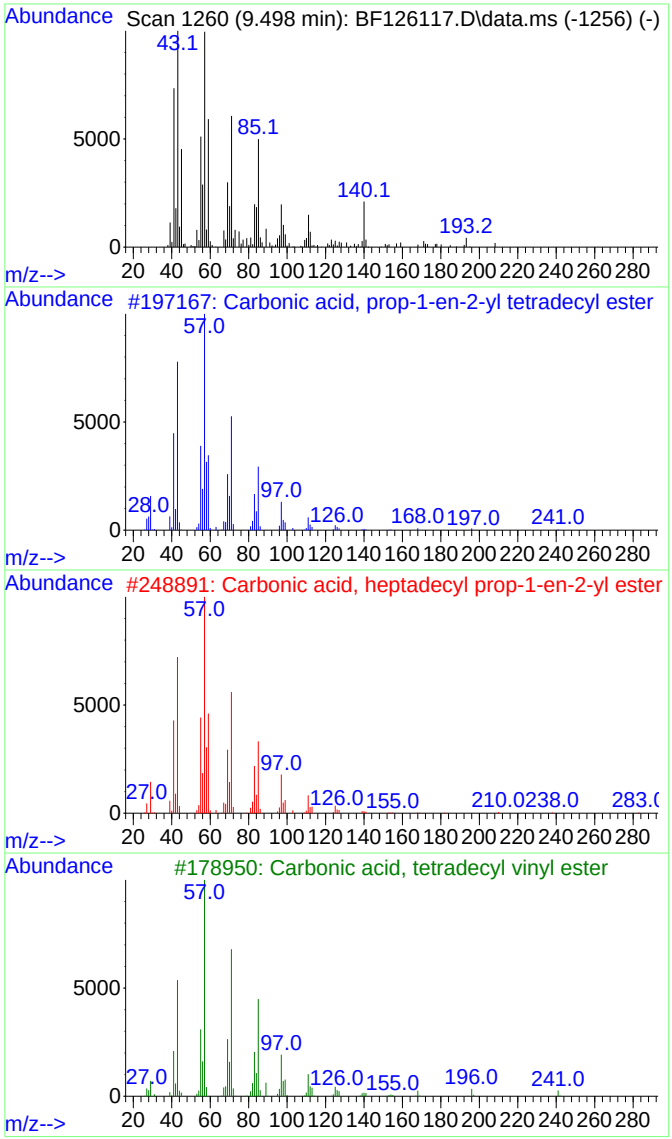
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

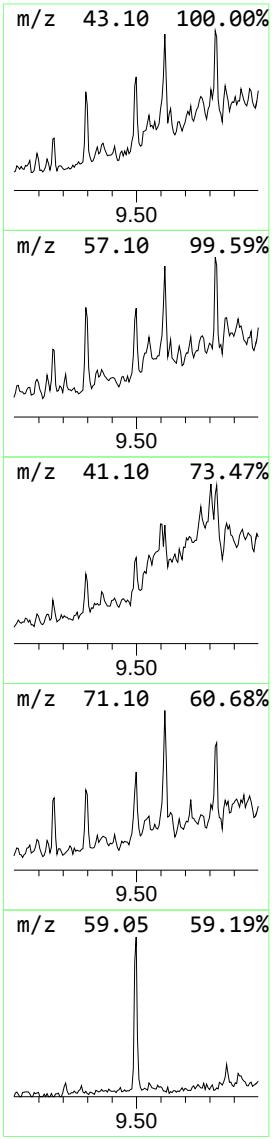
****

Peak Number 9 unknown9.498 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	3.57 ng	326217	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	58
2	Carbonic acid, heptadecyl prop-1...	340	C21H40O3	1000382-90-2	47
3	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	46
4	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	43
5	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	38





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Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

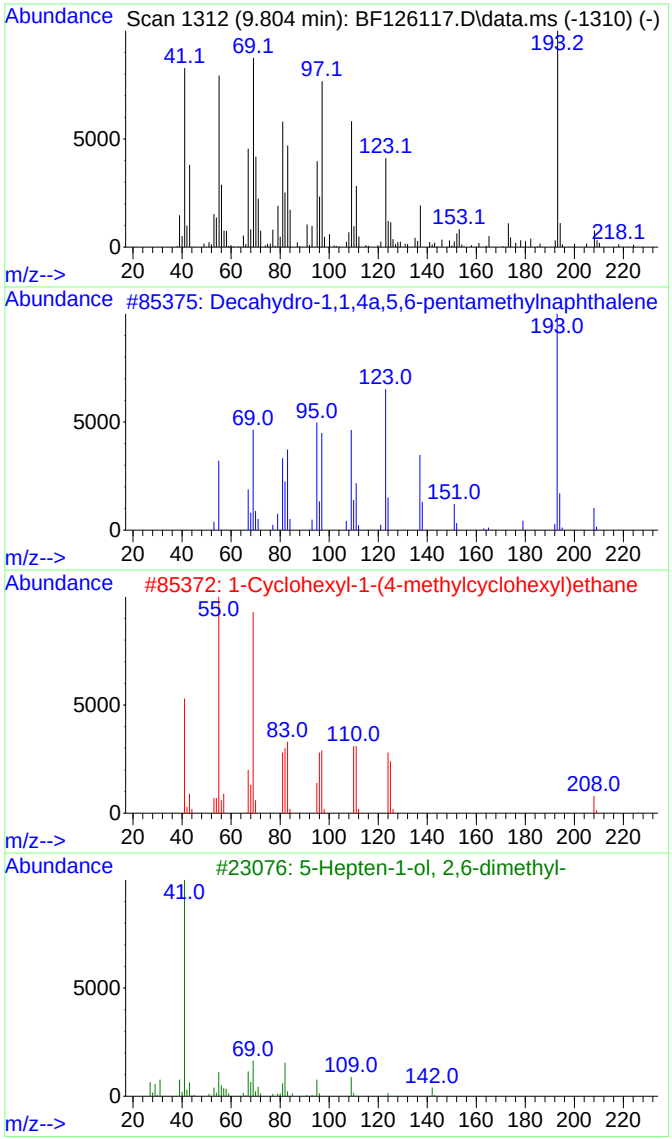
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

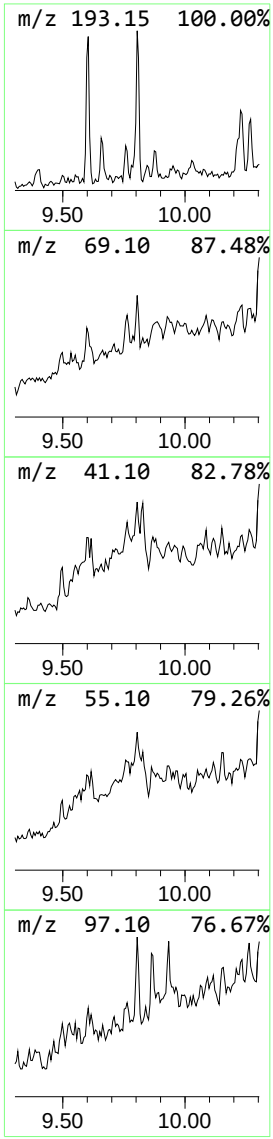
****

Peak Number 10 unknown9.804 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	2.49 ng	227837	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	46
2	1-Cyclohexyl-1-(4-methylcyclohex...	208	C15H28	002027-12-5	25
3	5-Hepten-1-ol, 2,6-dimethyl-	142	C9H18O	004234-93-9	22
4	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	18
5	Cyclohexanone, 2-(1-methyl-2-nit...	185	C9H15NO3	019307-62-1	15





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Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

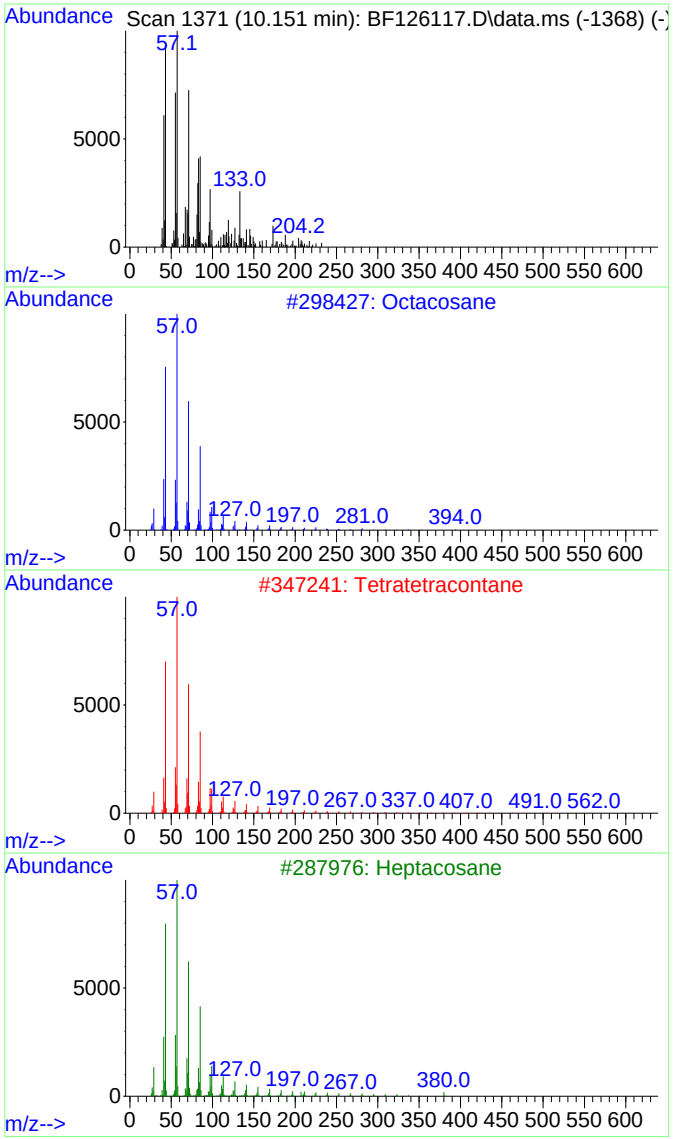
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

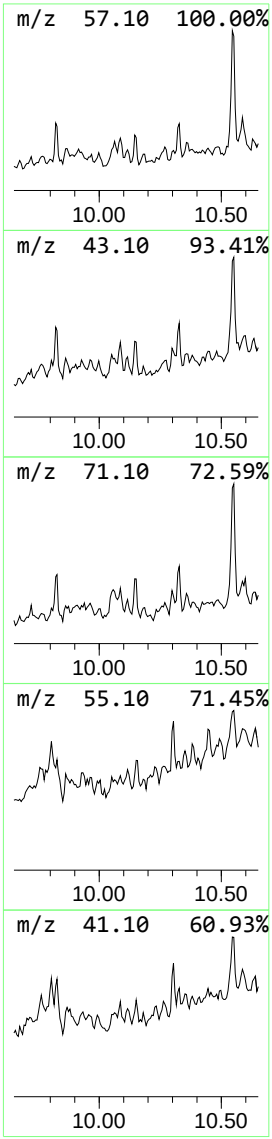
****

Peak Number 11 unknown10.151 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	3.09 ng	283145	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	38
2	Tetratetracontane	619	C44H90	007098-22-8	35
3	Heptacosane	380	C27H56	000593-49-7	35
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	30





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Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

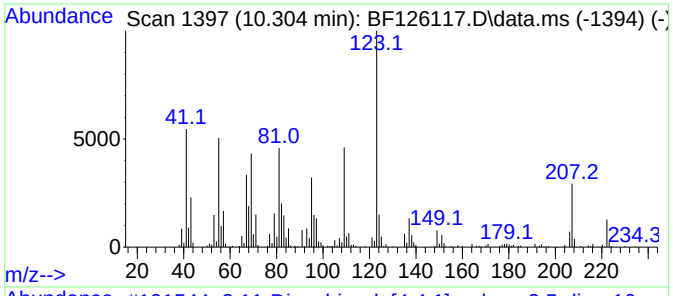
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

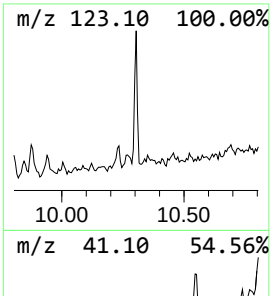
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

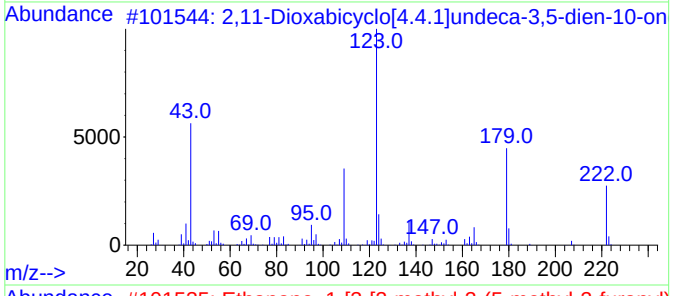
****
Peak Number 12 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 11

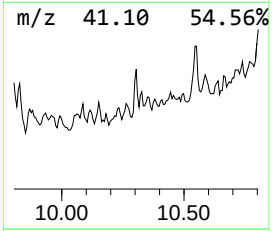
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	5.53 ng	506242	Acenaphthene-d10	9.892

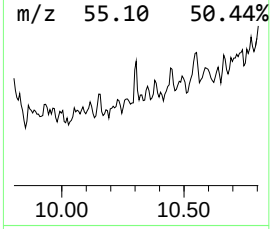
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	59
2	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	50
3	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	47
4	Diallyldivinylsilane	164	C10H16Si	119901-88-1	47
5	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	46

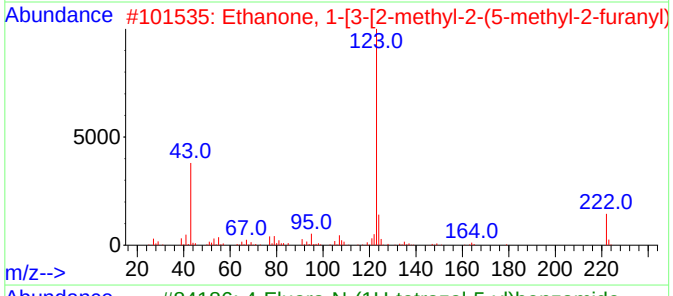


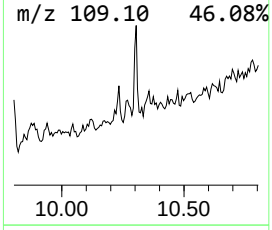


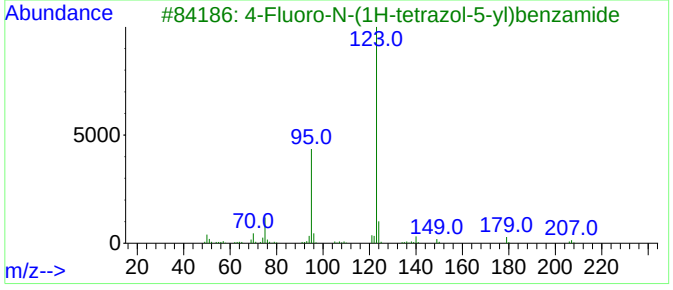


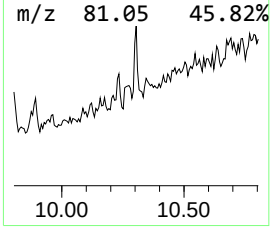












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Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

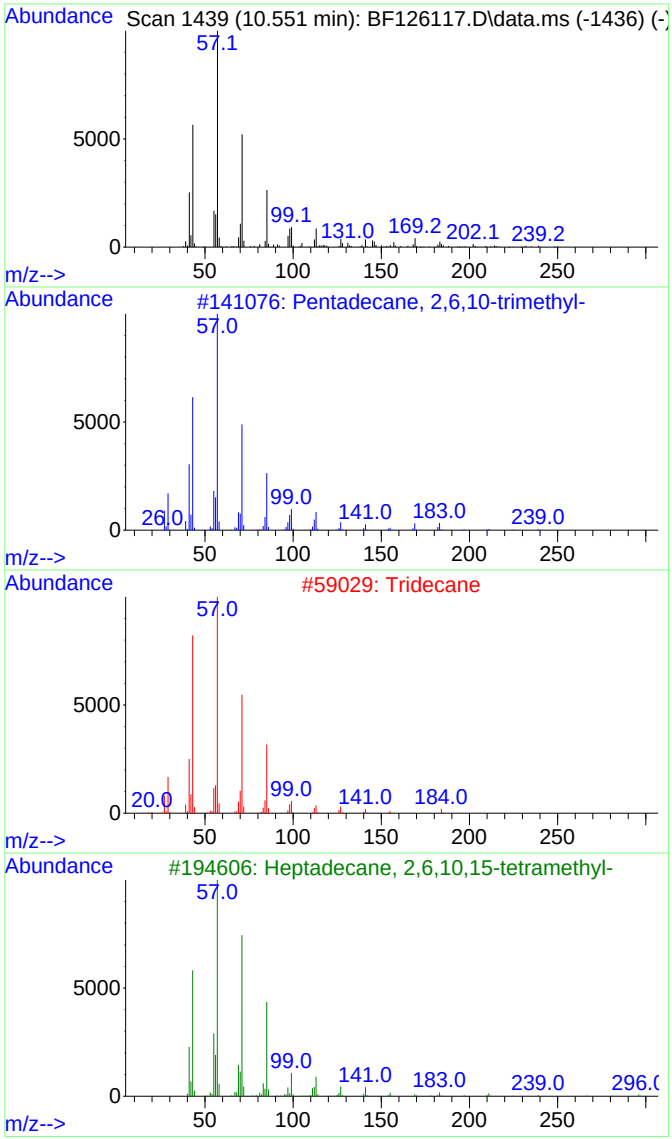
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

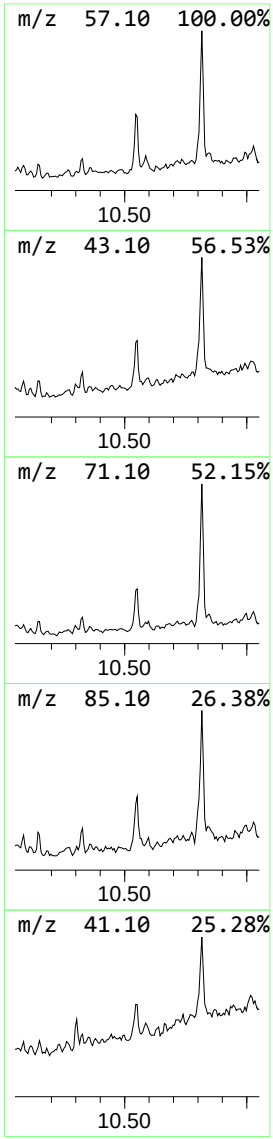
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	4.81 ng	440025	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane	184	C13H28	000629-50-5	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





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Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

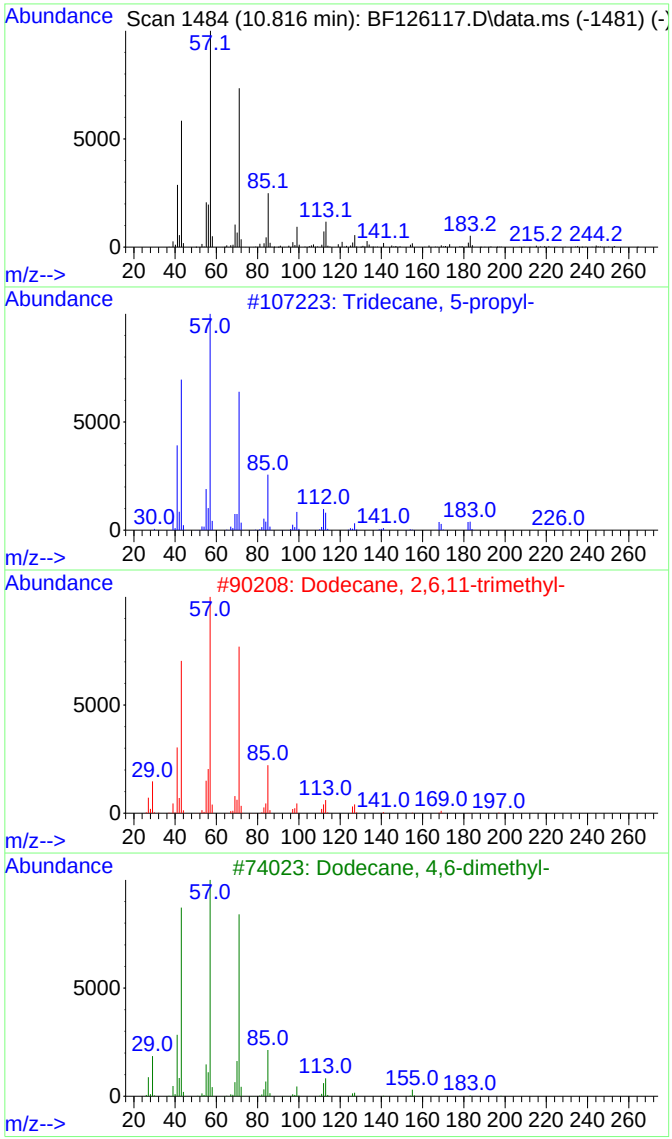
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

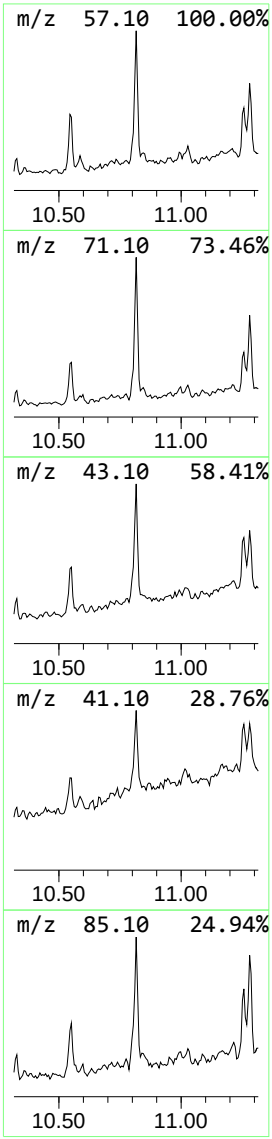
****

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	20.30 ng	1348320	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





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Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

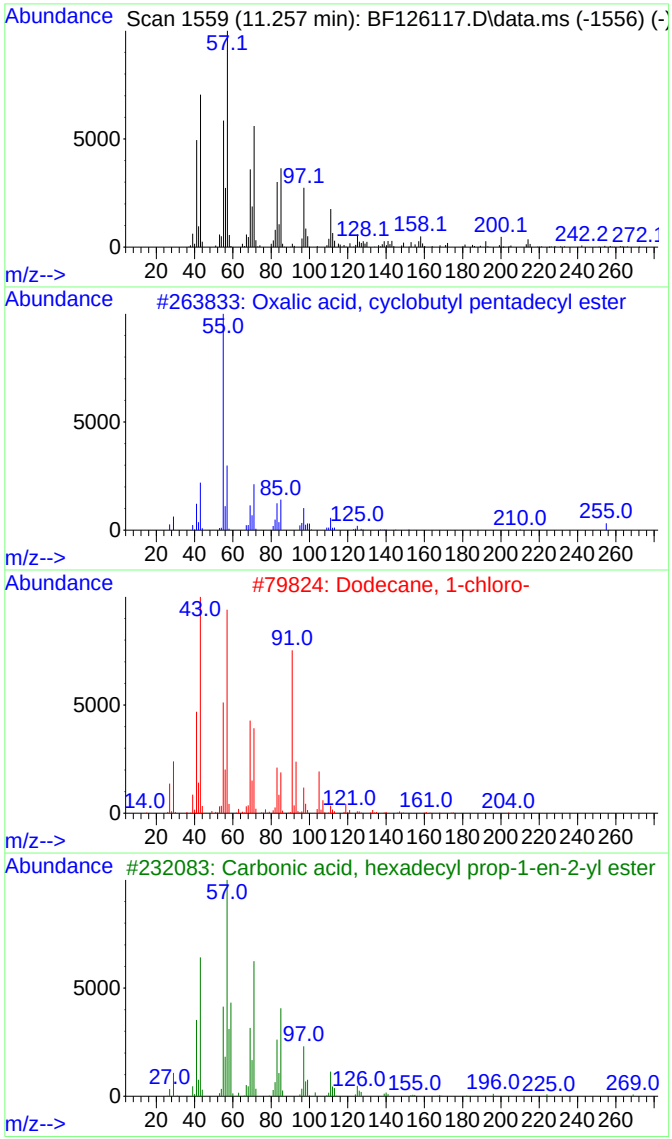
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

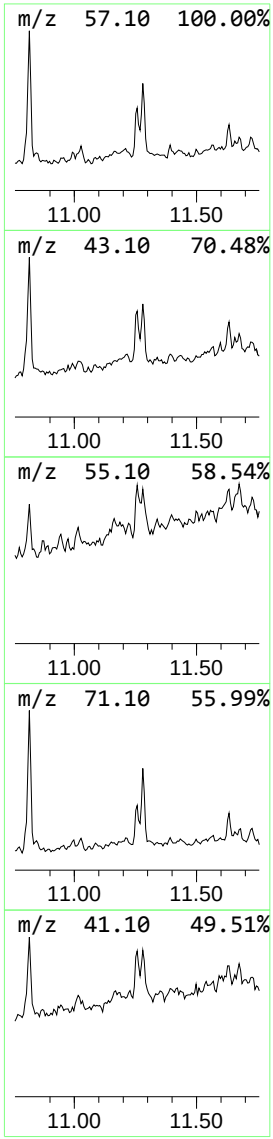
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Oxalic acid, cyclobutyl pen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	13.40 ng	889928	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	90
2	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	80
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	72
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	64
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	58





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Acq On : 10 Nov 2021 20:26
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Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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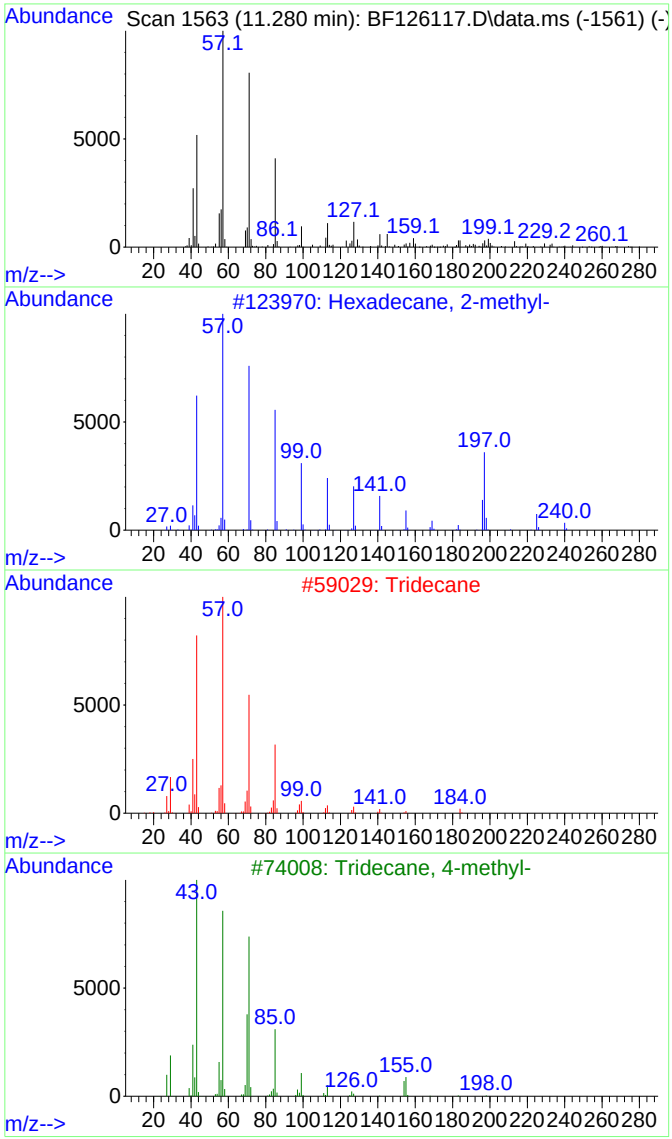
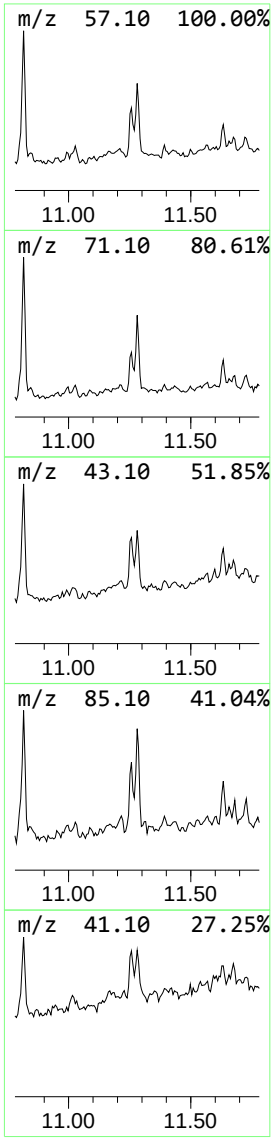
Peak Number 16 Hexadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	16.06 ng	1066650	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
2	Tridecane	184	C13H28	000629-50-5	80
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60





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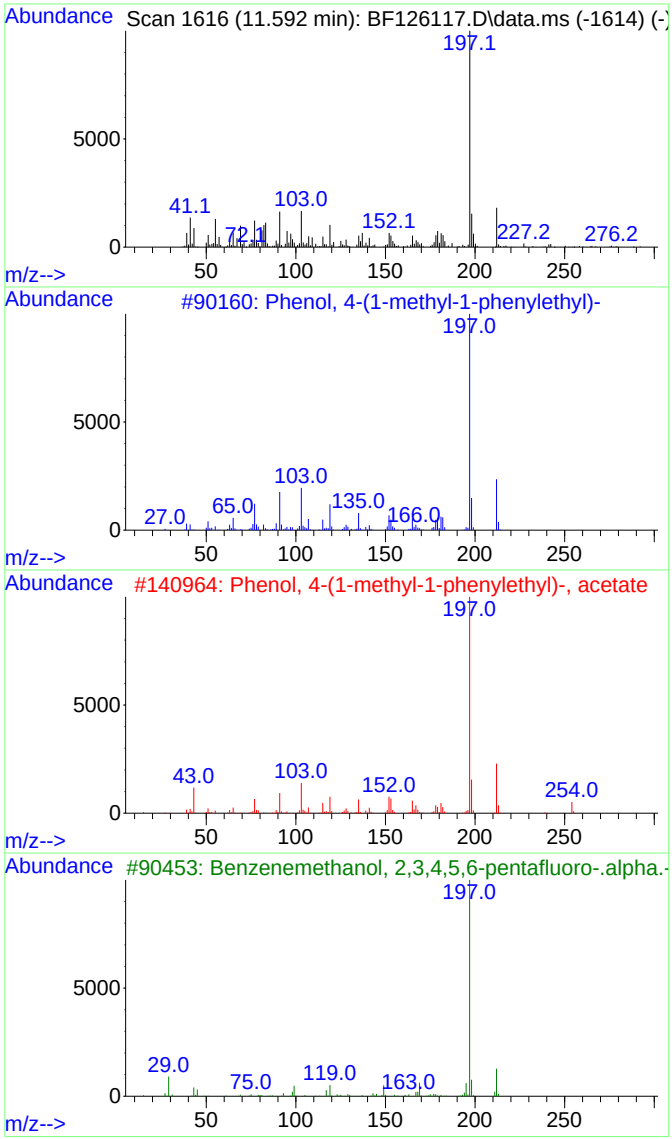
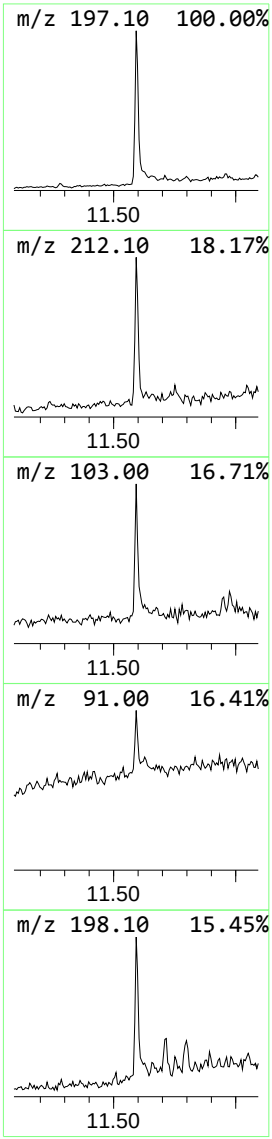
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.592	12.96 ng	860470	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	95
2	Phenol, 4-(1-methyl-1-phenylethy...	254	C17H18O2	024133-73-1	90
3	Benzenemethanol, 2,3,4,5,6-penta...	212	C8H5F5O	000830-50-2	64
4	Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	58
5	4-Chloro-6-isopropylthieno[2,3-d...	212	C9H9ClN2S	439692-52-1	53





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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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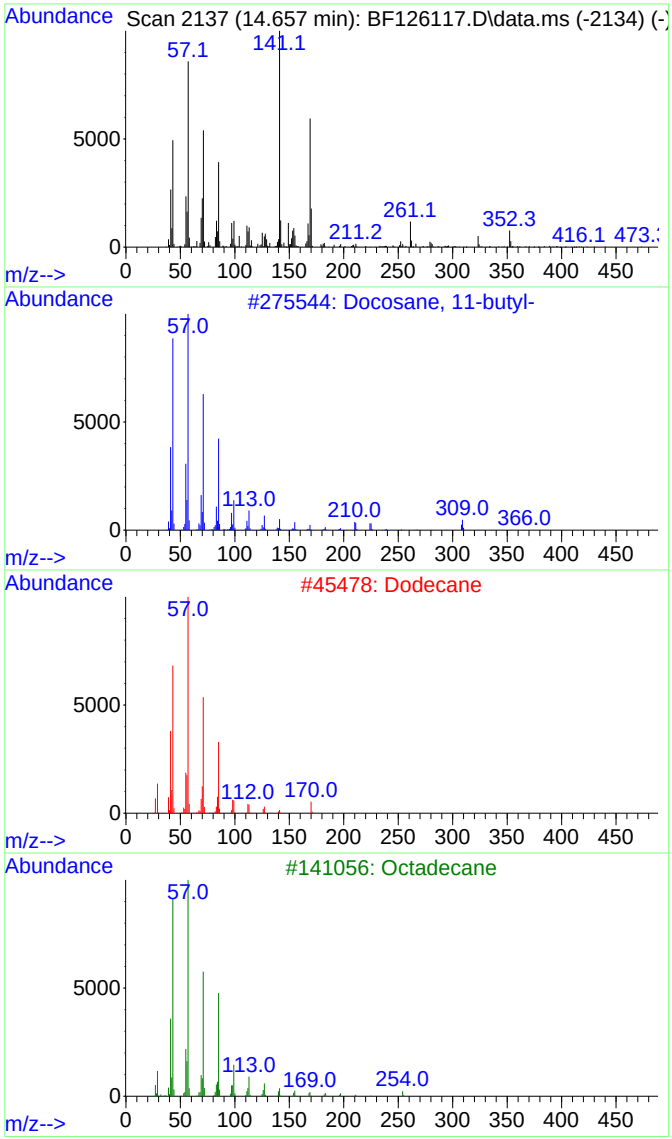
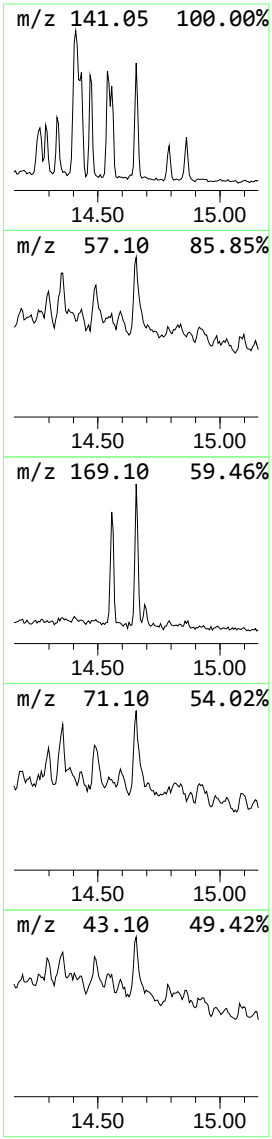
Peak Number 18 unknown14.657 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	34.73 ng	1334620	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	45
2	Dodecane	170	C12H26	000112-40-3	38
3	Octadecane	254	C18H38	000593-45-3	35
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	35
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	30





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Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

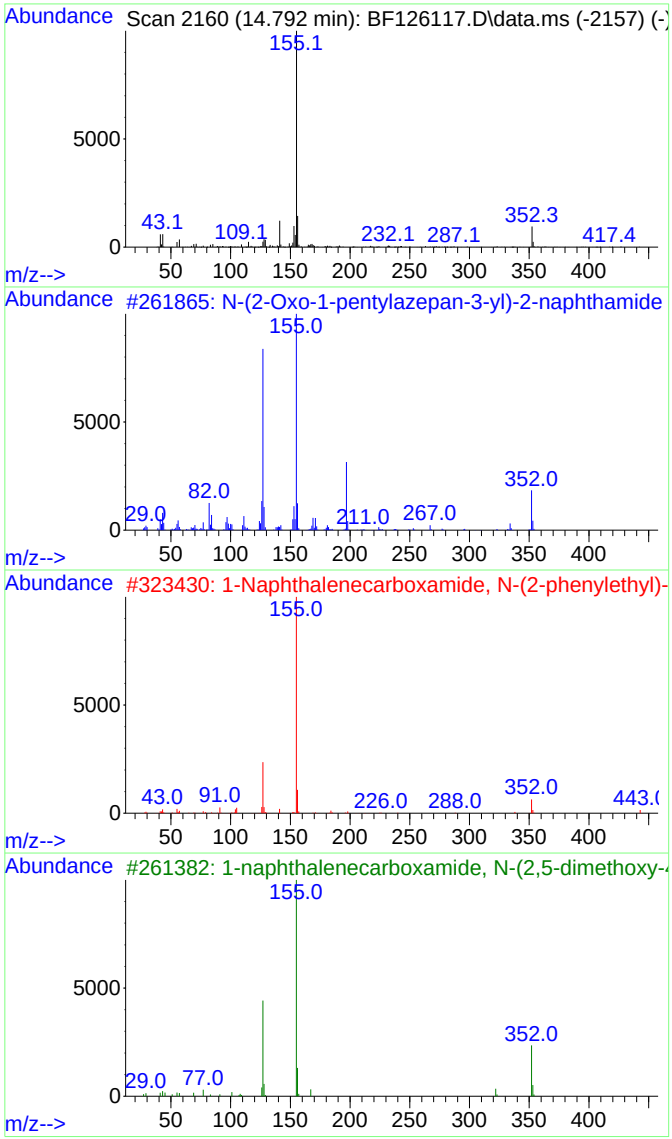
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

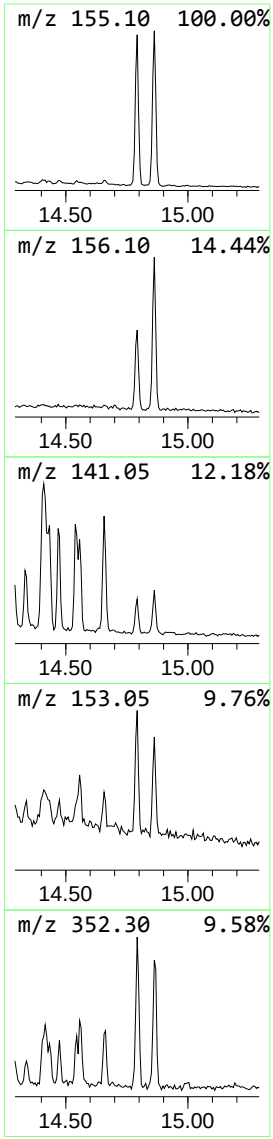
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 N-(2-Oxo-1-pentylazepan-3-y... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	25.95 ng	681036	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Oxo-1-pentylazepan-3-yl)-2-...	352	C22H28N2O2	1000481-96-7	64
2	1-Naphthalenecarboxamide, N-(2-p...	443	C31H41NO	1010451-36-4	64
3	1-naphthalenecarboxamide, N-(2,5...	352	C19H16N2O5	1000398-36-7	45
4	2-Chloro-4-methyl-5-nitropyridine	172	C6H5ClN2O2	023056-33-9	43
5	1-Naphthoic acid, 2-biphenyl ester	324	C23H16O2	1010330-74-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

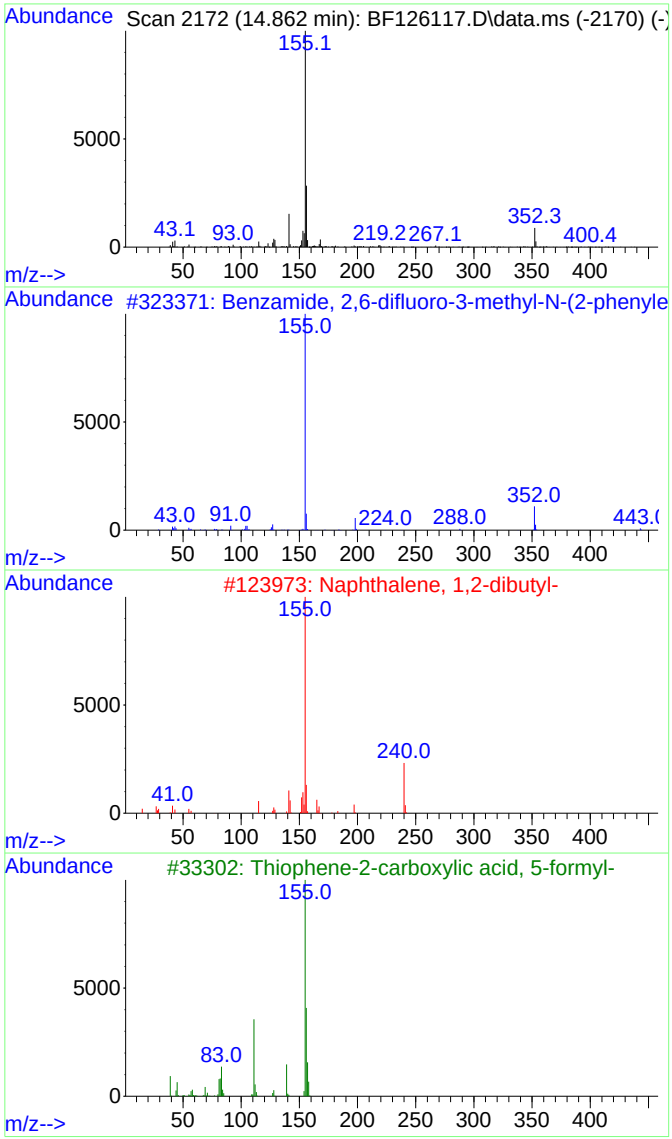
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

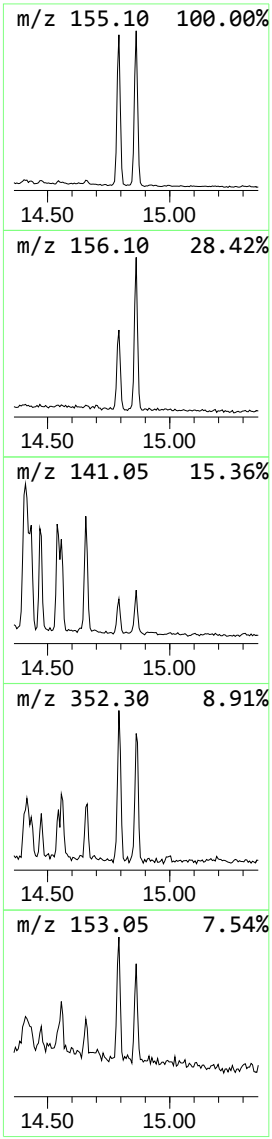
****

Peak Number 20 unknown14.683 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	20.00 ng	524844	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 2,6-difluoro-3-methyl...	443	C28H39F2NO	1000491-38-3	40
2	Naphthalene, 1,2-dibutyl-	240	C18H24	103385-90-6	39
3	Thiophene-2-carboxylic acid, 5-f...	156	C6H4O3S	1000306-77-9	38
4	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	38
5	2-Butenedioic acid (E)-, bis(1-m...	228	C12H20O4	002210-32-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126117.D
Acq On : 10 Nov 2021 20:26
Operator : JU/CG
Sample : M4576-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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
Butane, 2-metho...	2.116	13.5	ng	715074	1	6.857	1061820	20.0
Methyl methacry...	2.669	3.4	ng	180351	1	6.857	1061820	20.0
Ethanol, 2-(2-b...	8.039	2.5	ng	150651	2	8.134	1193110	20.0
Neodecanoic acid	8.281	2.7	ng	159881	2	8.134	1193110	20.0
unknown8.339	8.339	3.8	ng	223791	2	8.134	1193110	20.0
Thiophane, propyl-	8.516	7.8	ng	464394	2	8.134	1193110	20.0
Undecane, 2,6-d...	8.563	6.5	ng	388159	2	8.134	1193110	20.0
Carbonic acid, ...	9.292	2.3	ng	214336	3	9.892	1830040	20.0
unknown9.498	9.498	3.6	ng	326217	3	9.892	1830040	20.0
unknown9.804	9.804	2.5	ng	227837	3	9.892	1830040	20.0
unknown10.151	10.151	3.1	ng	283145	3	9.892	1830040	20.0
2,11-Dioxabicyc...	10.304	5.5	ng	506242	3	9.892	1830040	20.0
Pentadecane, 2,...	10.551	4.8	ng	440025	3	9.892	1830040	20.0
Tridecane, 5-pr...	10.816	20.3	ng	1348320	4	11.380	1328100	20.0
Oxalic acid, cy...	11.257	13.4	ng	889928	4	11.380	1328100	20.0
Hexadecane, 2-m...	11.280	16.1	ng	1066650	4	11.380	1328100	20.0
Phenol, 4-(1-me...	11.592	13.0	ng	860470	4	11.380	1328100	20.0
unknown14.657	14.657	34.7	ng	1334620	5	14.027	768516	20.0
N-(2-Oxo-1-pent...	14.792	25.9	ng	681036	6	15.498	524844	20.0
unknown14.683	14.863	20.0	ng	524844	6	15.498	524844	20.0