LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BALL-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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.828	291	296	301	rVB	76698	101183	2.47%	0.473%
2	4.981	488	492	498	rVB	200244	225684	5.51%	1.055%
3	5.363	554	557	559	rBV	108091	99742	2.43%	0.466%
4	5.398	559	563	583	rVB	1340955	1360205	33.20%	6.356%
5	5.622	596	601	605	rBV	48603	44868	1.10%	0.210%
6	6.416	731	736	745	rVV	1555854	1763351	43.04%	8.240%
7	6.487	745	748	755	rVB2	32892	62442	1.52%	0.292%
8	6.698	782	784	794	rBV	196866	202504	4.94%	0.946%
9	6.781	794	798	801	rVV	706484	603738	14.73%	2.821%
10	7.186	861	867	872	rBV	86309	85950	2.10%	0.402%
11	7.345	886	894	897	rBV2	1271192	1407756	34.36%	6.578%
12	7.969	996	1000	1005	rBV	427049	372748	9.10%	1.742%
13	8.063	1011	1016	1018	rBV	922775	789296	19.26%	3.688%
14	8.086	1018	1020	1023	rVB	150232	119345	2.91%	0.558%
15	9.139	1194	1199	1203	rBV	1810956	1758372	42.91%	8.216%
16	9.227	1210	1214	1218	rBV2	41035	44018	1.07%	0.206%
17	9.822	1306	1315	1318	rBV	772081	736424	17.97%	3.441%
18	10.227	1381	1384	1388	rBV	1168288	1074937	26.23%	5.023%
19	10.451	1414	1422	1424	rBV	57090	52530	1.28%	0.245%
20	10.604	1445	1448	1453	rBV	435884	407672	9.95%	1.905%
21	10.727	1466	1469	1474	rBV2	32297	42848	1.05%	0.200%
22	11.192	1539	1548	1551	rBV	3289420	4097396	100.00%	19.146%
23	11.245	1552	1557	1560	rVB	1760211	1578186	38.52%	7.374%
24	11.304	1565	1567	1570	rVV	615845	579632	14.15%	2.708%
25	11.327	1570	1571	1575	rVV	142913	99318	2.42%	0.464%
26	11.710	1632	1636	1642	rVB	242140	201845	4.93%	0.943%
27	11.874	1661	1664	1667	rVB	84803	72895	1.78%	0.341%
28	12.016	1682	1688	1691	rBV2	34628	42576	1.04%	0.199%
29	12.410	1752	1755	1759	rVB2	50732	64640	1.58%	0.302%
30	12.521	1770	1774	1777	rBV	123030	120046	2.93%	0.561%
31	12.745	1809	1812	1815	rBV	80548	70577	1.72%	0.330%
32	12.780	1815	1818	1826	rBV3	61061	87955	2.15%	0.411%
33	12.898	1833	1838	1841	rBV	1121743	1092421	26.66%	5.105%
34	13.133	1875	1878	1882	rVV2	61469	55694	1.36%	0.260%
35	13.374	1916	1919	1922	rBV	56421	51350	1.25%	0.240%
36	13.480	1934	1937	1940	rVB	69606	61344	1.50%	0.287%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.810	1990	1993	2000	rVB	109603	131284	3.20%	0.613%
38	13.951	2013	2017	2020	rBV2	517015	563361	13.75%	2.632%
39	14.051	2031	2034	2039	rVB	67740	85519	2.09%	0.400%
40	14.127	2045	2047	2050	rVB	89452	70843	1.73%	0.331%
41	14.362	2084	2087	2090	rBV4	56463	51738	1.26%	0.242%
42	14.445	2098	2101	2103	rVB	74010	68810	1.68%	0.322%
43	14.604	2126	2128	2131	rBV2	88544	80158	1.96%	0.375%
44	14.751	2151	2153	2163	rVB	92577	113409	2.77%	0.530%
45	15.086	2207	2210	2216	rVB	76756	87311	2.13%	0.408%
46	15.415	2262	2266	2270	rBV2	345925	407991	9.96%	1.906%
47	15.457	2271	2273	2283	rVB	80279	108746	2.65%	0.508%

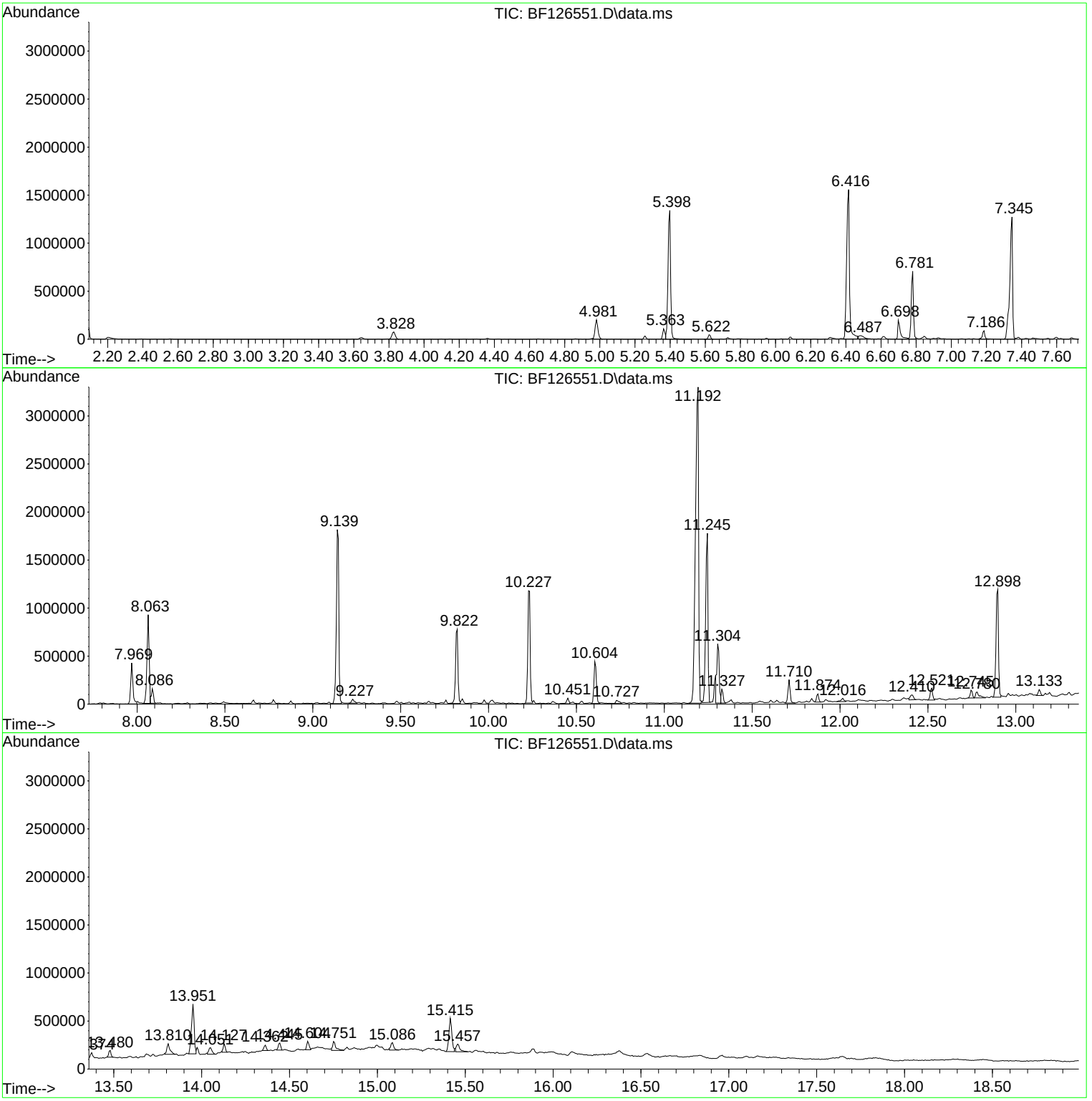
Sum of corrected areas: 21400658

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

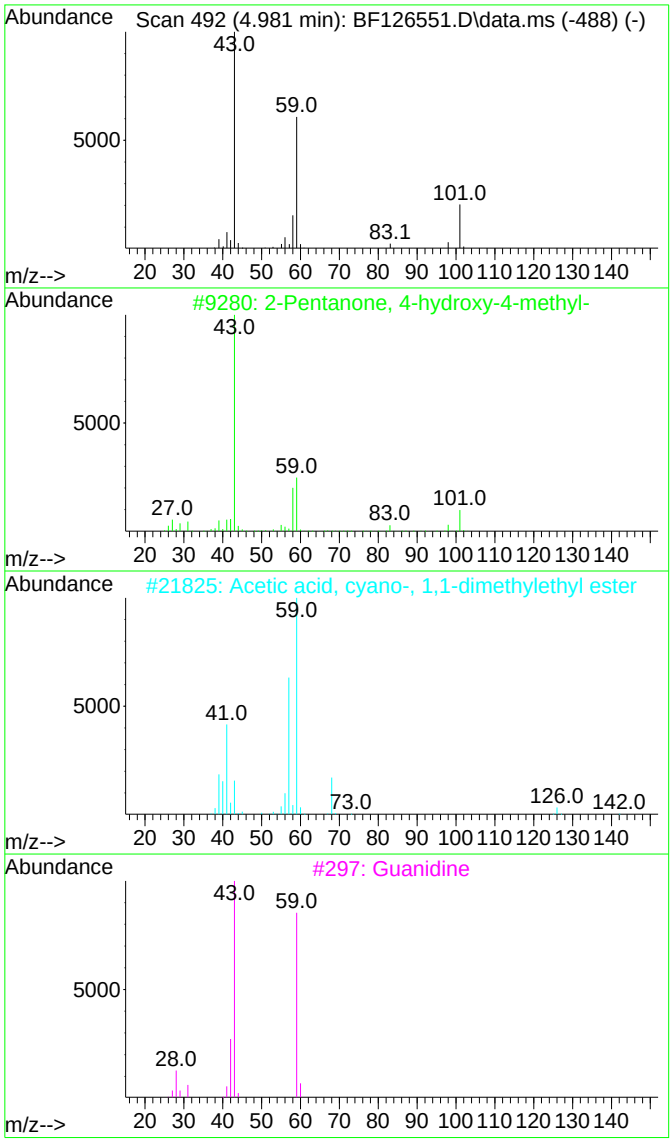
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

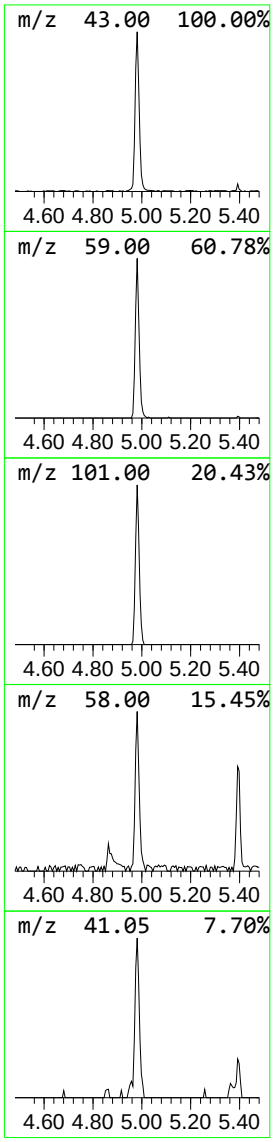
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	7.48 ng	225684	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Guanidine	59	CH5N3	000113-00-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

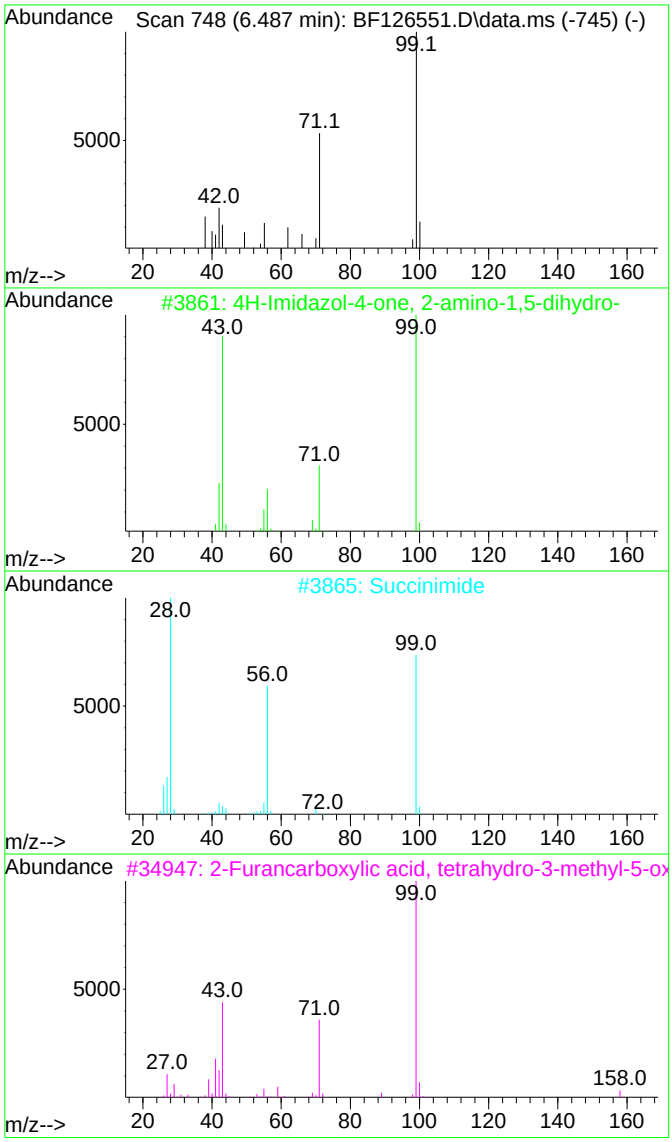
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

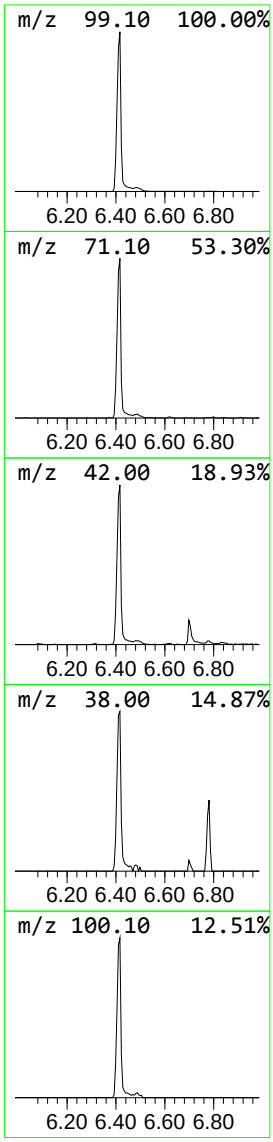
****

Peak Number 3 unknown6.487 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.487	2.07 ng	62442	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	9
2	Succinimide	99	C4H5NO2	000123-56-8	9
3	2-Furancarboxylic acid, tetrahyd...	158	C7H10O4	085547-53-1	9
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	9
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

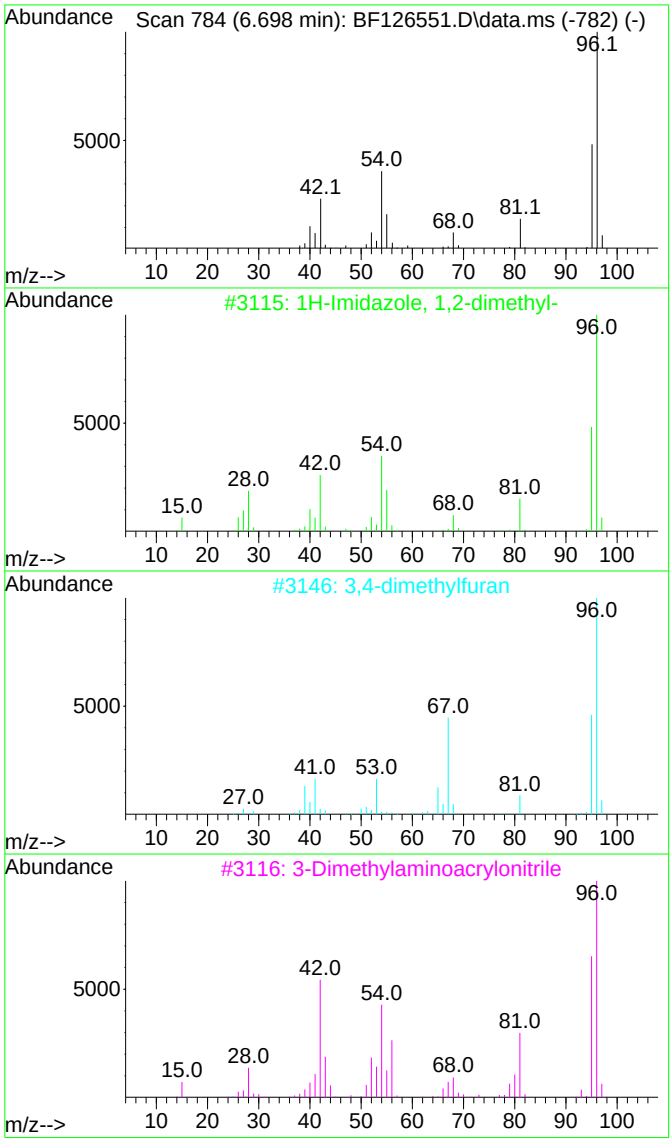
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

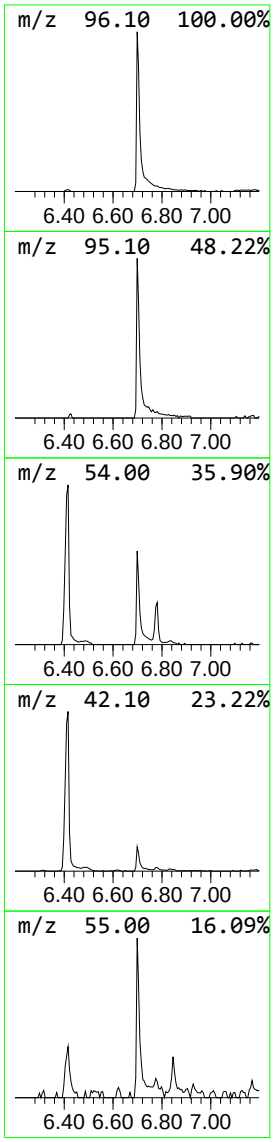
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Imidazole, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	6.71 ng	202504	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 1,2-dimethyl-	96	C5H8N2	001739-84-0	91
2	3,4-dimethylfuran	96	C6H8O	1000458-50-4	59
3	3-Dimethylaminoacrylonitrile	96	C5H8N2	002407-68-3	56
4	2H-Pyrazole-3-carbaldehyde	96	C4H4N2O	003920-50-1	53
5	3,5-Dimethylpyrazole	96	C5H8N2	000067-51-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

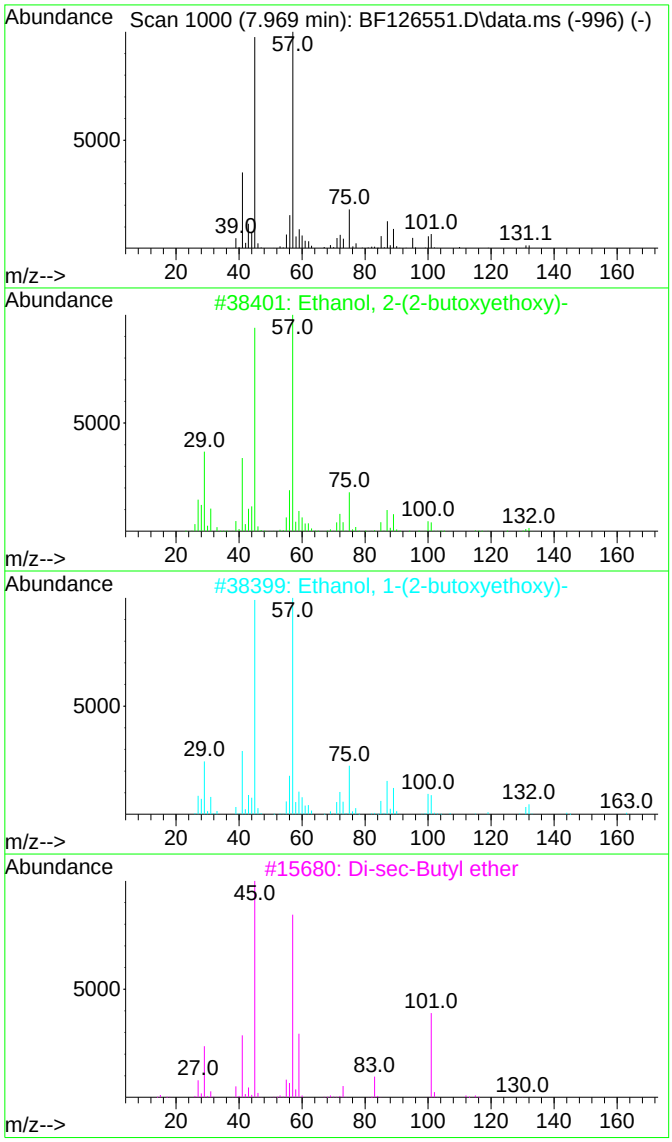
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

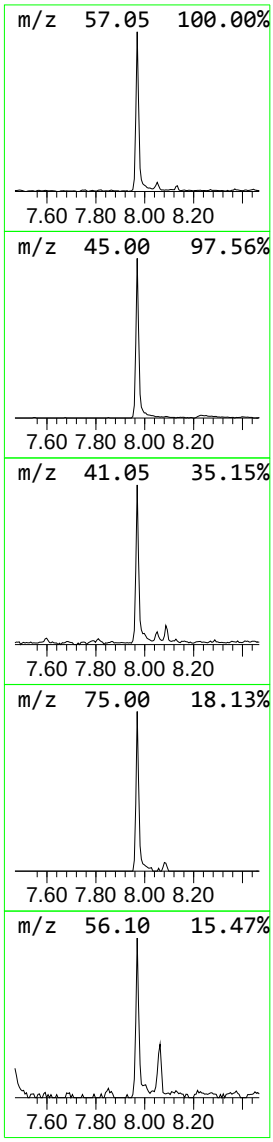
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	9.45 ng	372748	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Hexane, 1-(methoxymethoxy)-	146	C8H18O2	066675-06-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

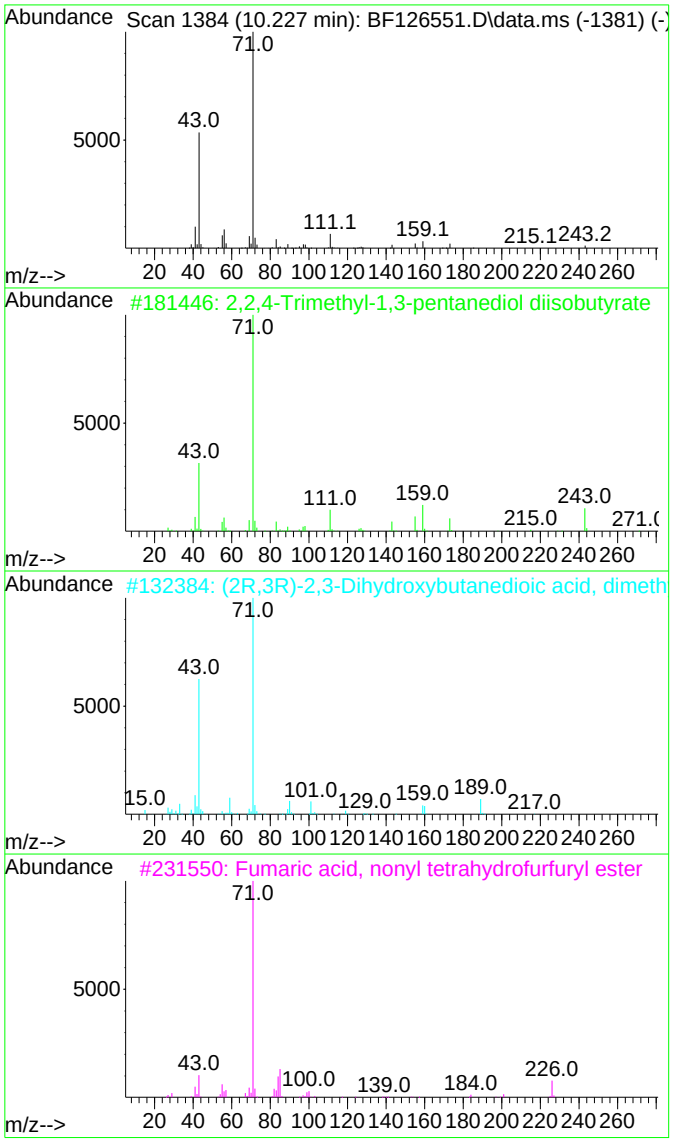
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

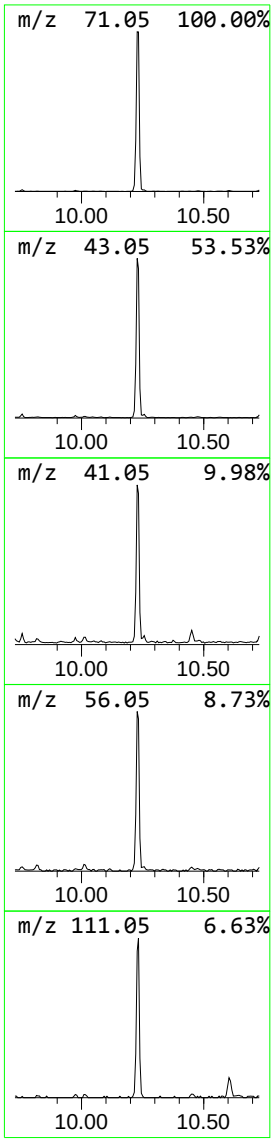
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.227	29.19 ng	1074940	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	83
2	(2R,3R)-2,3-Dihydroxybutanedioic...	248	C10H16O7	1000462-99-8	64
3	Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	64
4	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	50
5	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

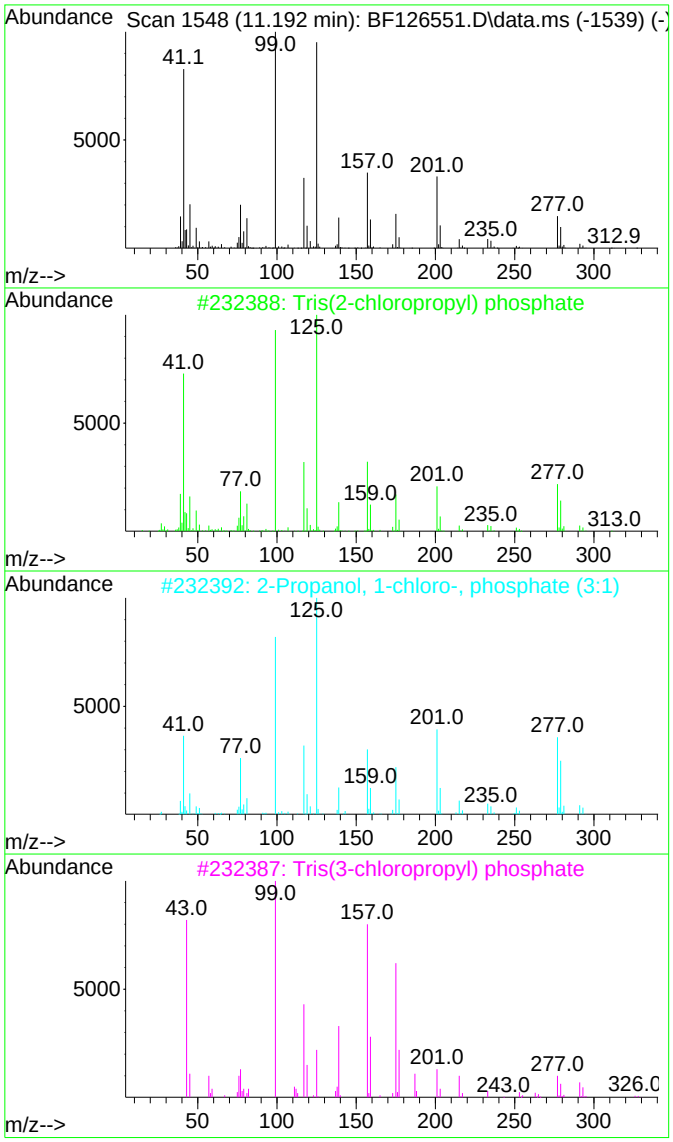
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

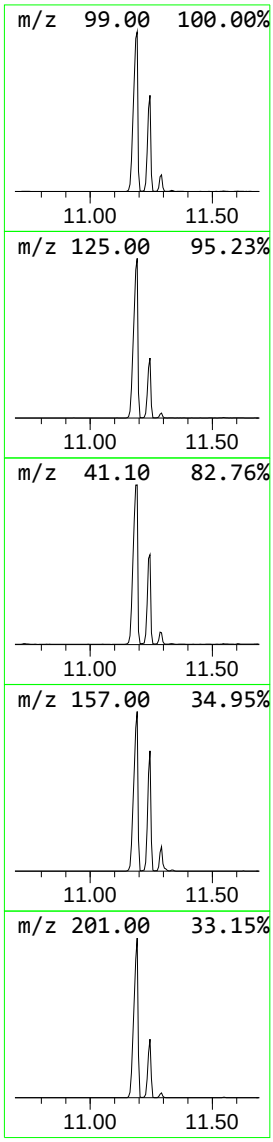
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tris(2-chloropropyl) phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	141.38 ng	4097400	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	91
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	91
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	35
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

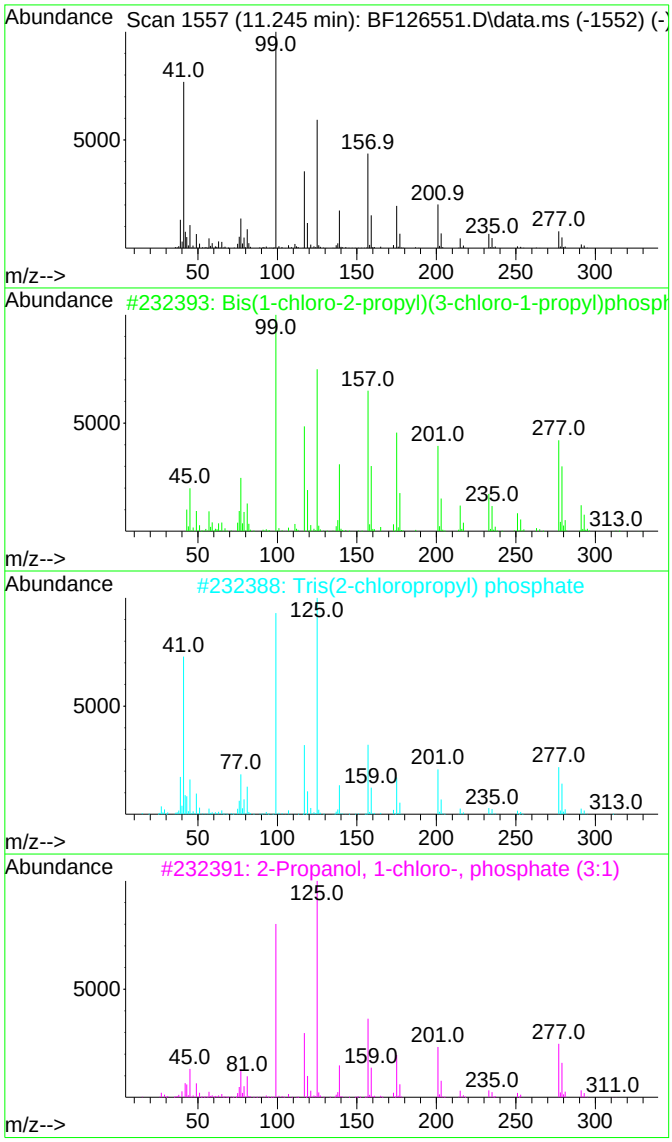
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

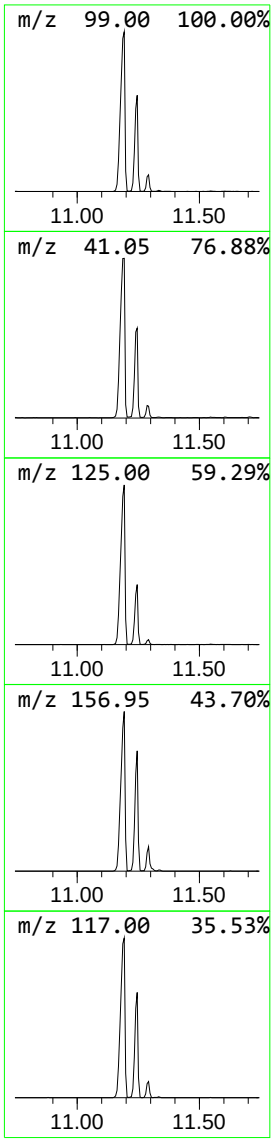
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	54.45 ng	1578190	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	90
2	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	50
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	38
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	38
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

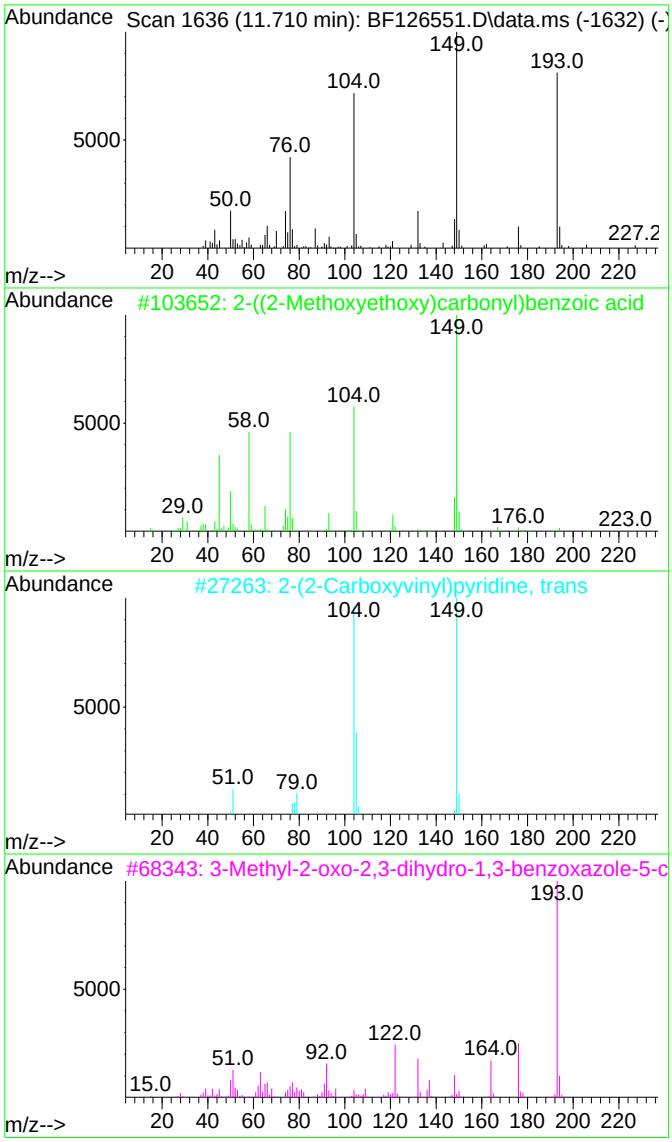
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

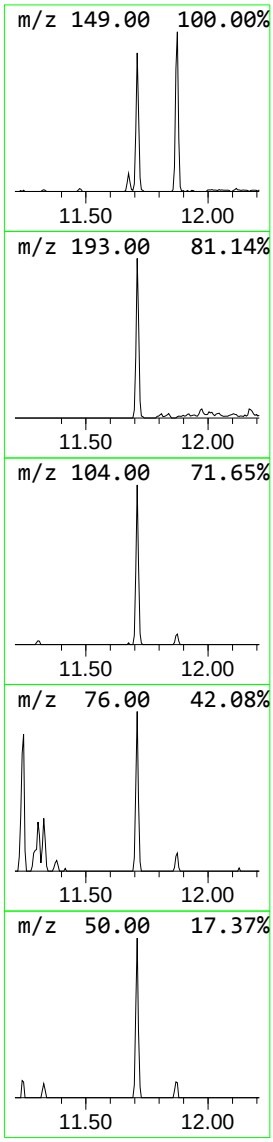
****

Peak Number 9 unknown11.710 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	6.96 ng	201845	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((2-Methoxyethoxy)carbonyl)ben...	224	C11H12O5	016501-01-2	37
2	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	27
3	3-Methyl-2-oxo-2,3-dihydro-1,3-b...	193	C9H7NO4	154780-52-6	27
4	2-((2-Ethylbutoxy)carbonyl)benzo...	250	C14H18O4	091401-46-6	27
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	14





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Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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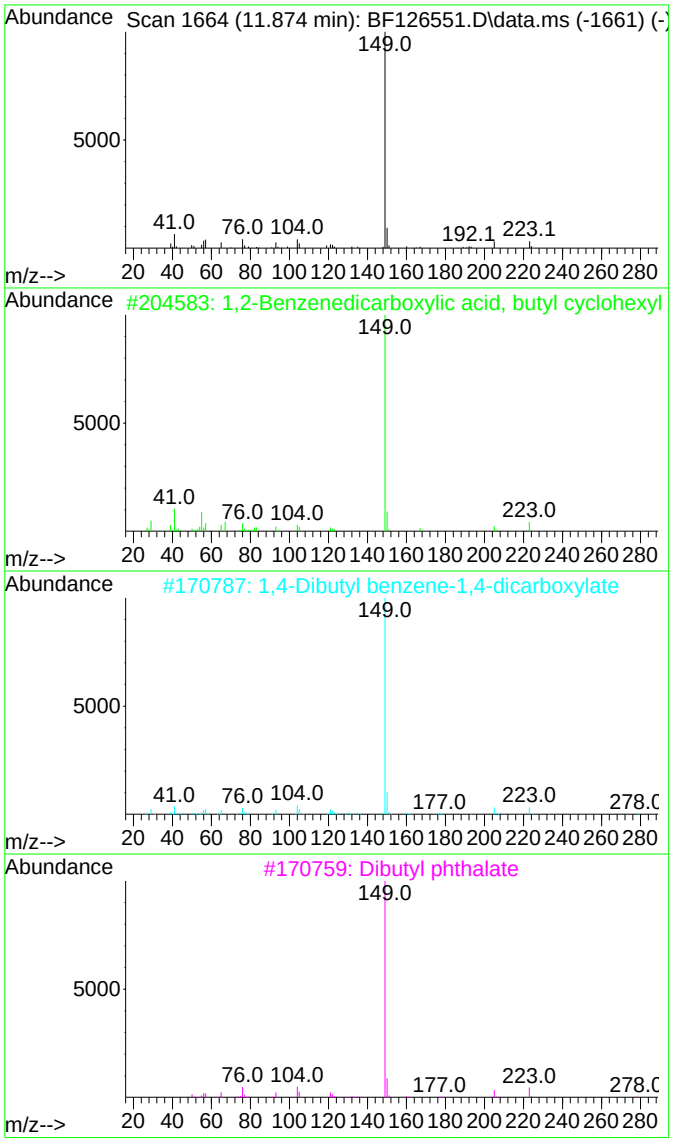
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

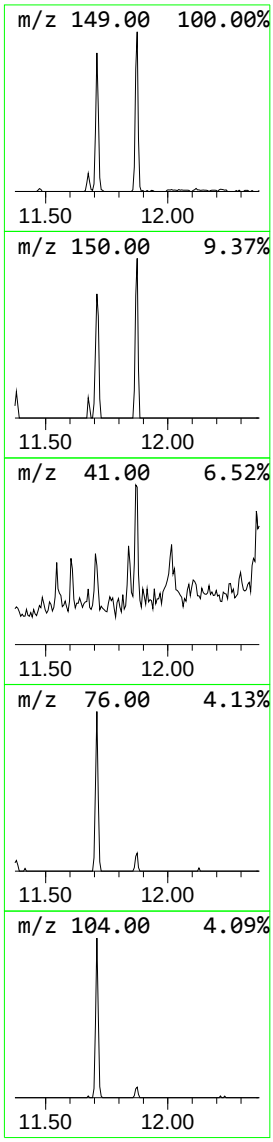
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,2-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	2.52 ng	72895	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	90
2	1,4-Dibutyl benzene-1,4-dicarbox...	278	C16H22O4	001962-75-0	90
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	90
4	Phthalic acid, isobutyl propyl e...	264	C15H20O4	1000308-97-1	86
5	Phthalic acid, butyl 2-pentyl ester	292	C17H24O4	1000315-47-6	78





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Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

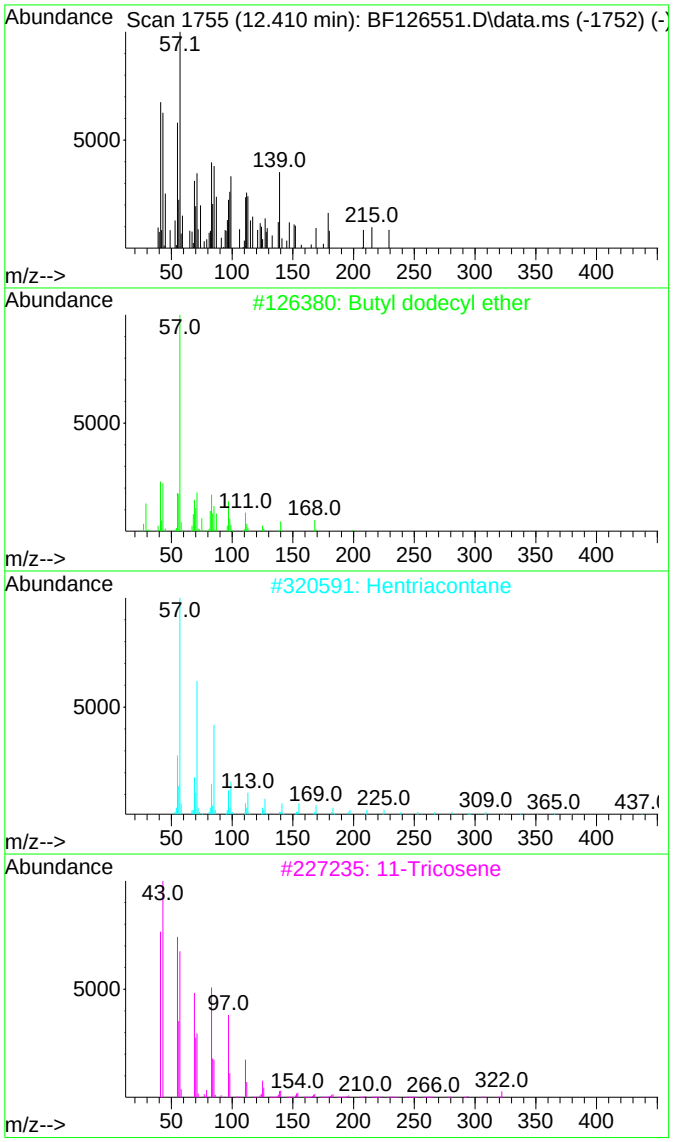
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

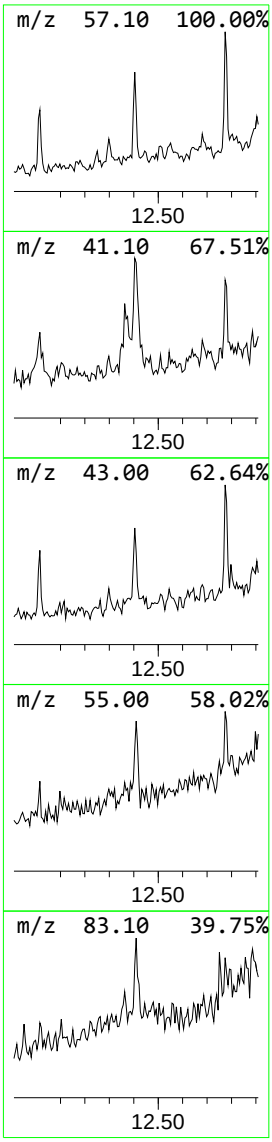
****

Peak Number 11 unknown12.410 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	2.23 ng	64640	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl dodecyl ether	242	C16H34O	1000406-40-3	46
2	Hentriacontane	437	C31H64	000630-04-6	27
3	11-Tricosene	322	C23H46	052078-56-5	14
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	14
5	Nonane	128	C9H20	000111-84-2	11





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Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

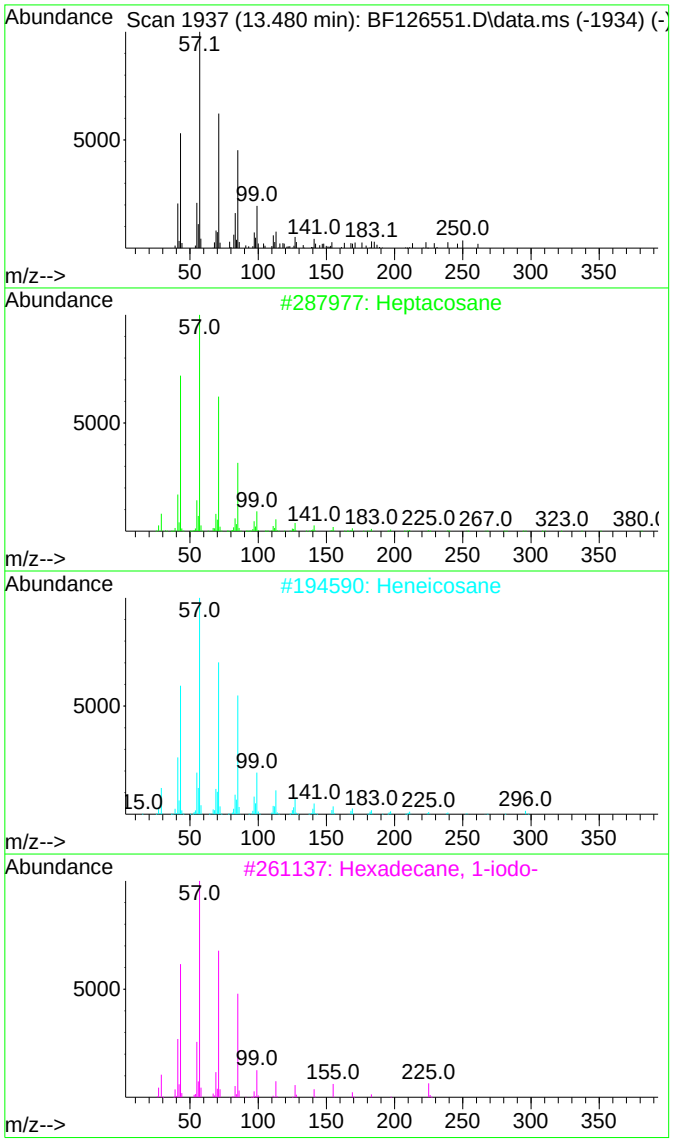
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

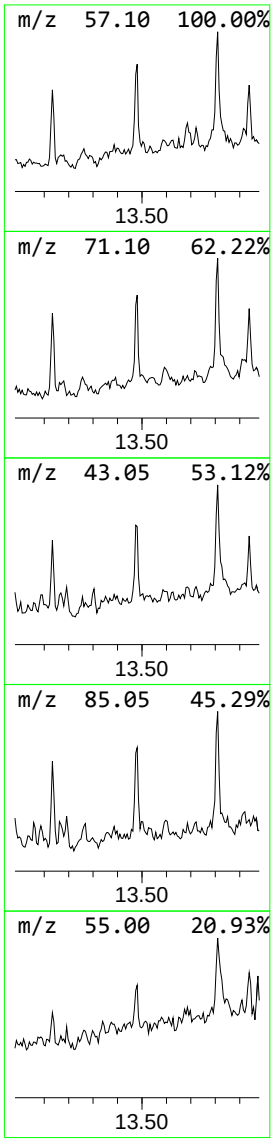
****

Peak Number 12 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	2.18 ng	61344	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Heneicosane	296	C21H44	000629-94-7	72
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
4	Docosane	310	C22H46	000629-97-0	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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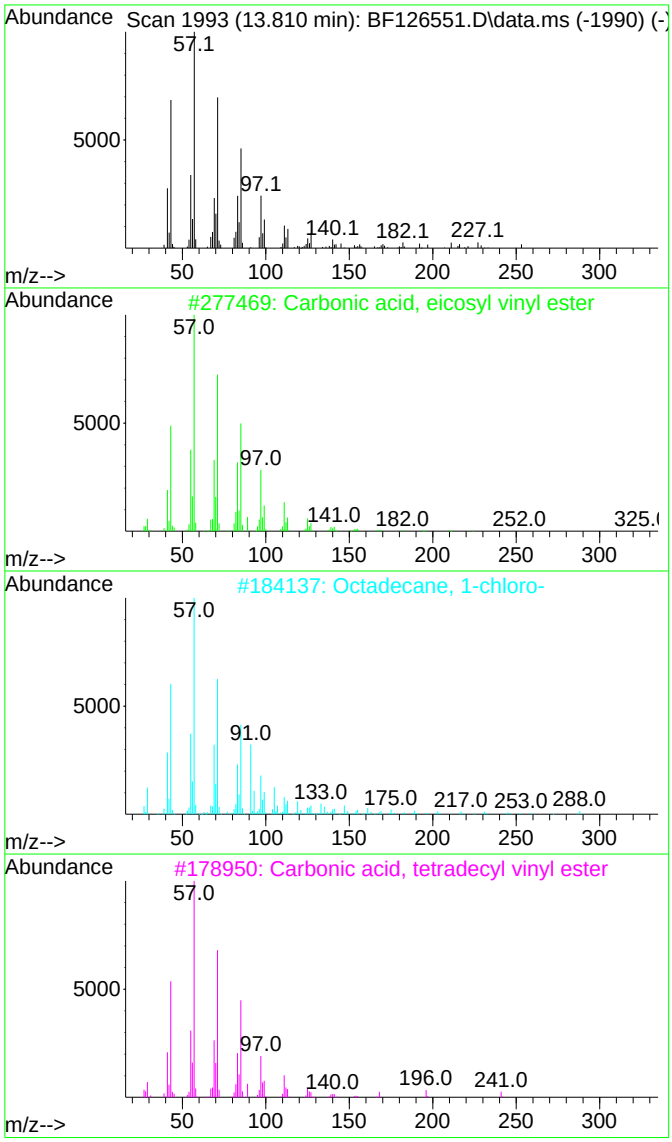
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

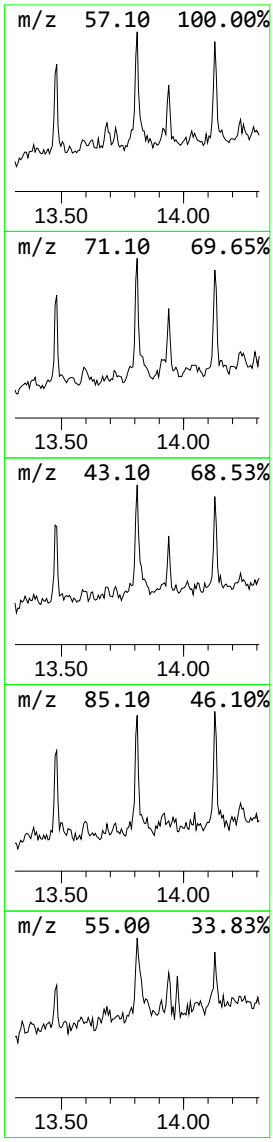
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Carbonic acid, eicosyl viny... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	4.66 ng	131284	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
3	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	87
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87
5	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	86





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Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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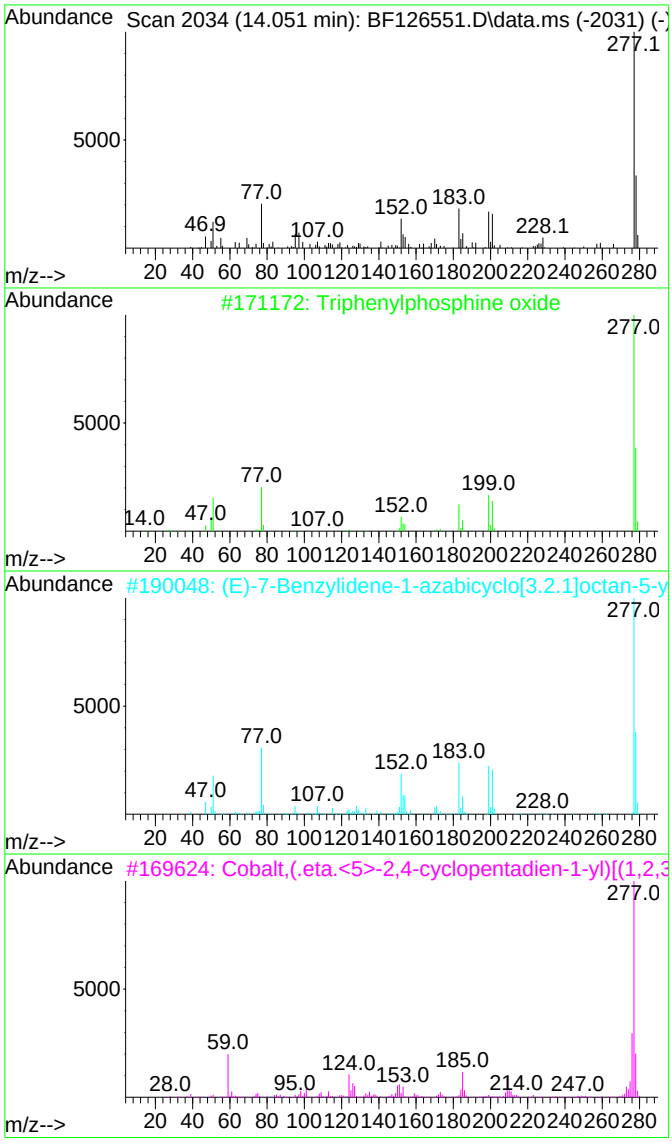
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

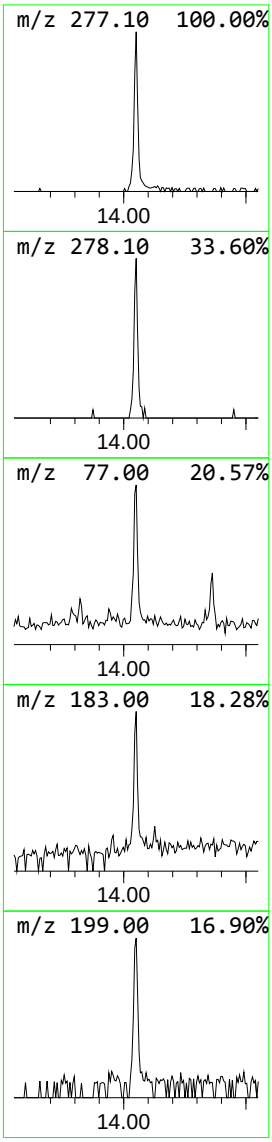
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Triphenylphosphine oxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.051	3.04 ng	85519	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	64
3	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	47
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	39
5	2(1H)-Pyrimidinone, 5-methoxy-4,...	278	C17H14N2O2	028567-84-2	9





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Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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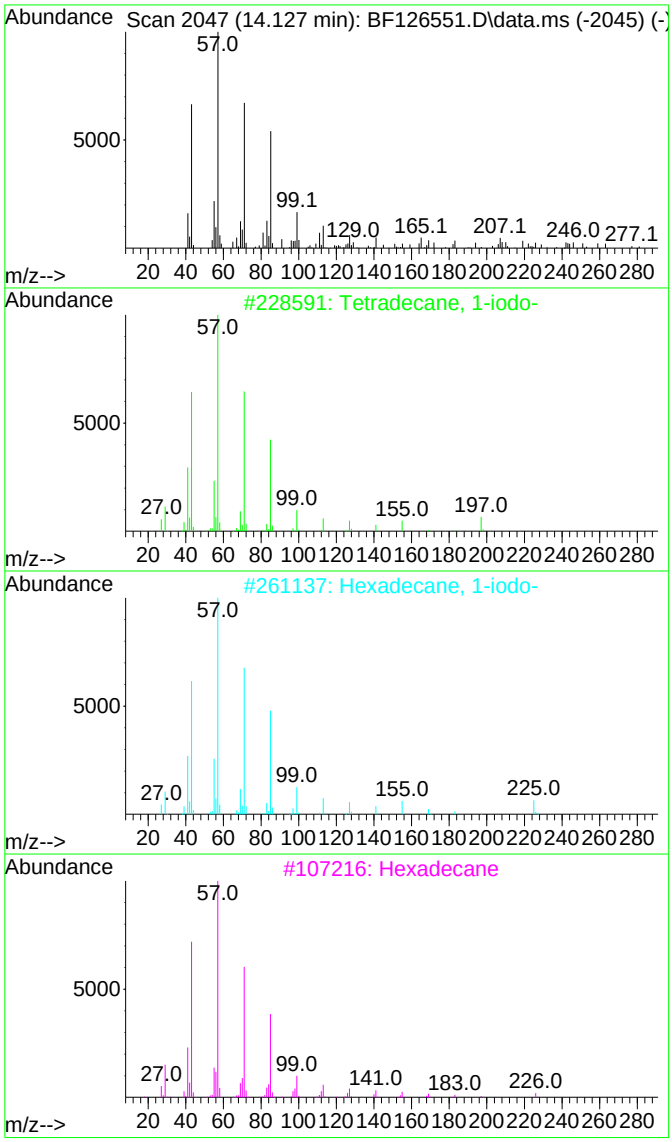
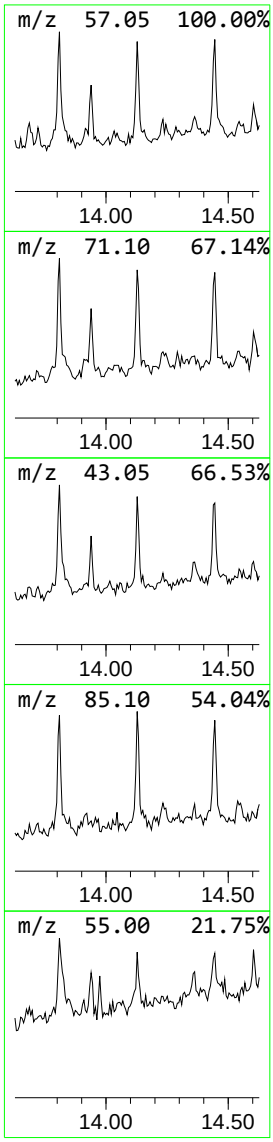
Peak Number 15 Tetradecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	2.52 ng	70843	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
3	Hexadecane	226	C16H34	000544-76-3	76
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Octacosane	394	C28H58	000630-02-4	64





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Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

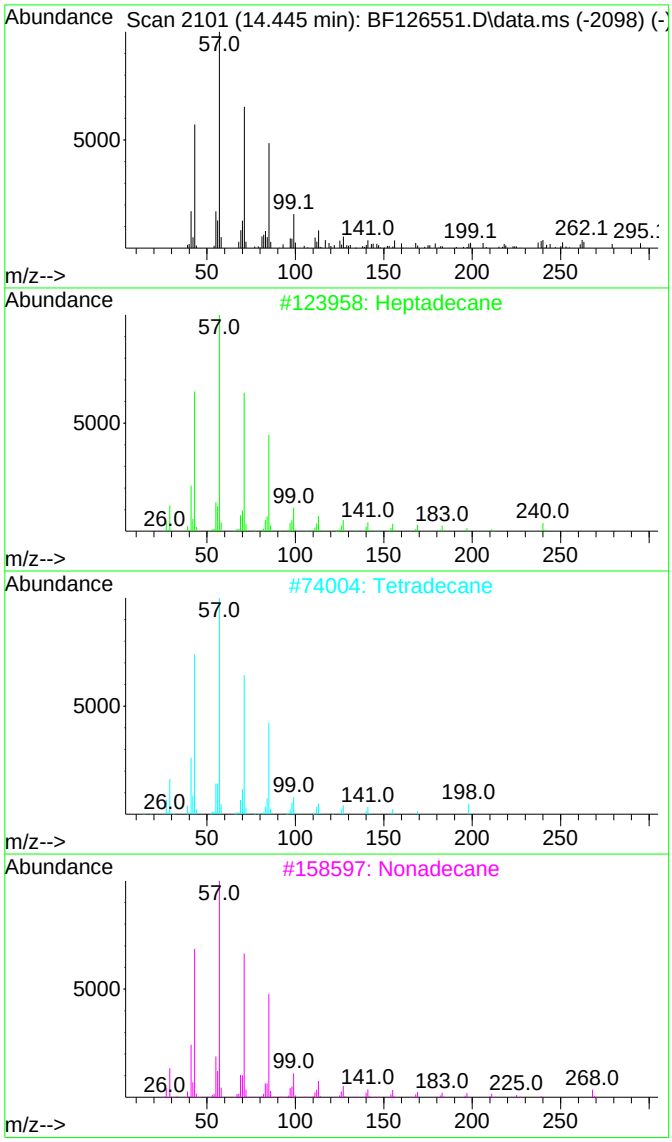
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

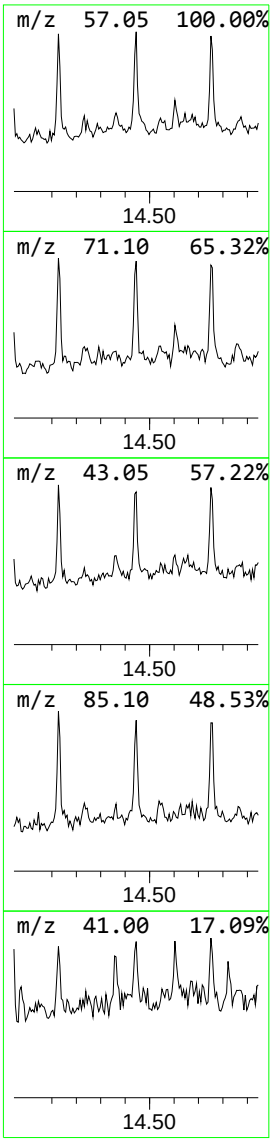
****

Peak Number 16 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	2.44 ng	68810	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetradecane	198	C14H30	000629-59-4	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

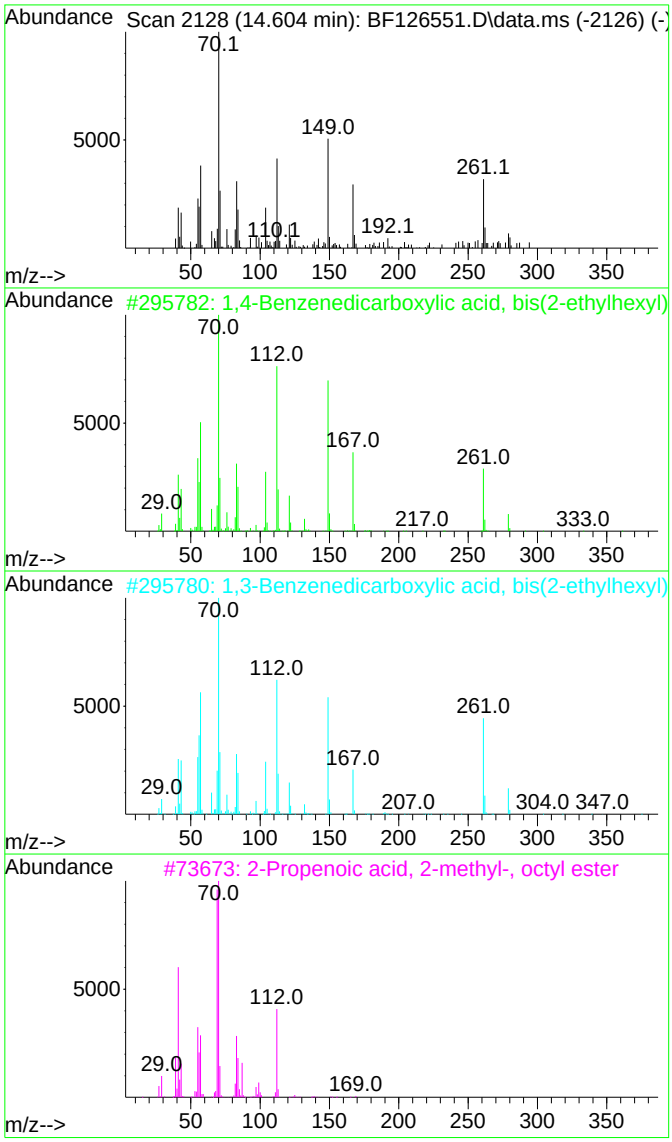
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

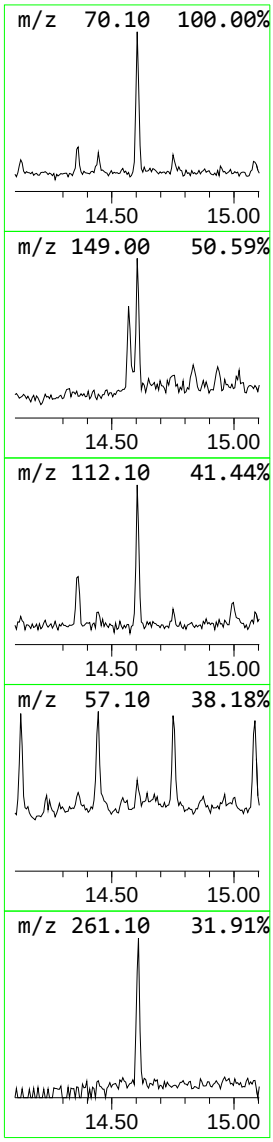
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,4-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.604	2.85 ng	80158	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
3	2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	38
4	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	22
5	N-(4-Nitrophenyl)-2-pyrrolidinec...	277	C13H15N3O4	1286682-74-3	22





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Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

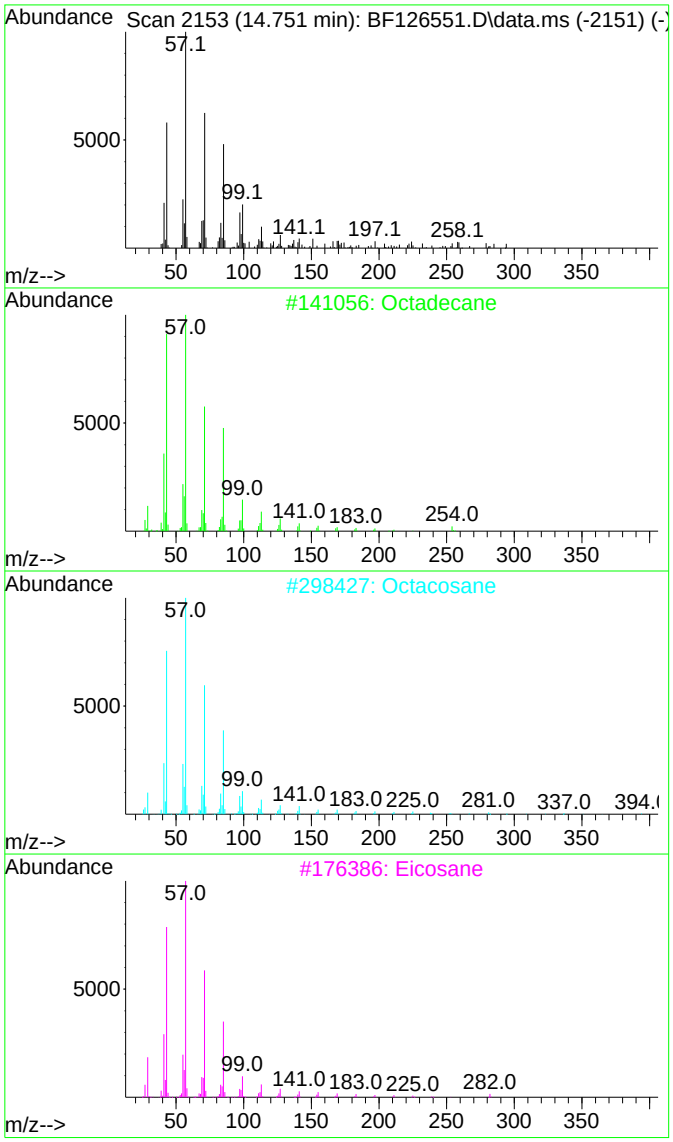
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

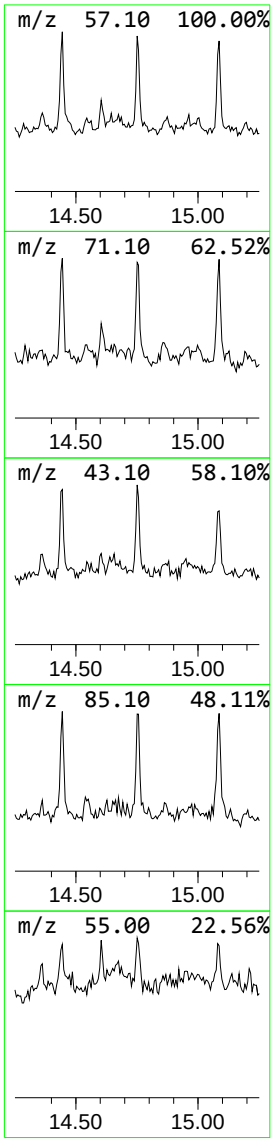
****

Peak Number 18 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	5.56 ng	113409	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Octacosane	394	C28H58	000630-02-4	83
3	Eicosane	282	C20H42	000112-95-8	81
4	Heneicosane	296	C21H44	000629-94-7	74
5	Nonadecane	268	C19H40	000629-92-5	72





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Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

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

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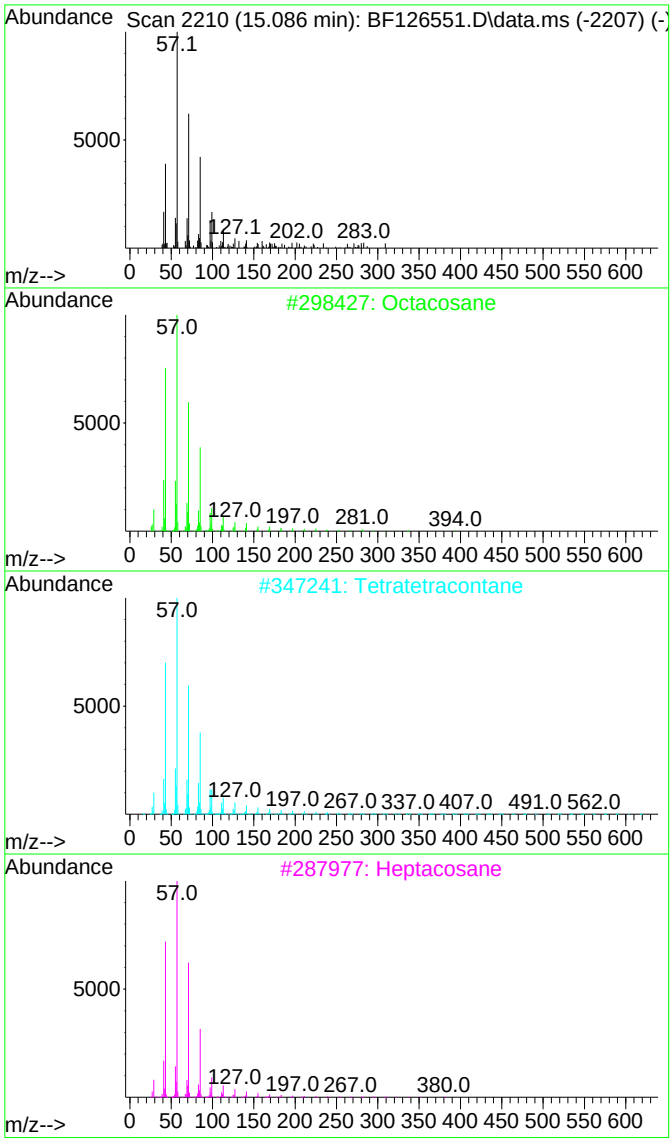
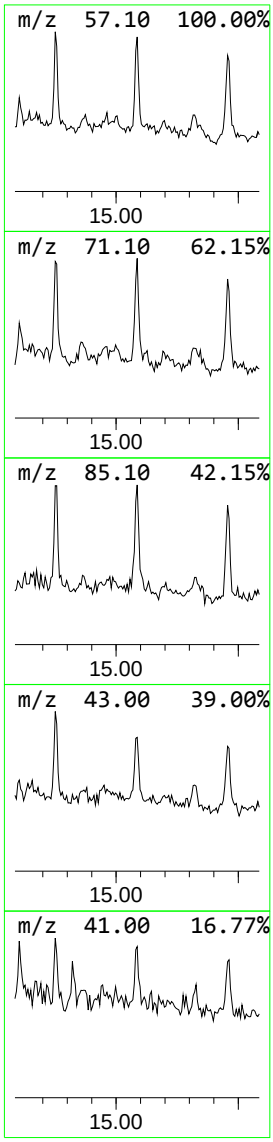
Peak Number 19 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	4.28 ng	87311	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126551.D
Acq On : 7 Jan 2022 19:27
Operator : JU/CG
Sample : N1052-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BALL-1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.981	7.5	ng	225684	1	6.781	603738	20.0
unknown6.487	6.487	2.1	ng	62442	1	6.781	603738	20.0
1H-Imidazole, 1...	6.698	6.7	ng	202504	1	6.781	603738	20.0
Ethanol, 2-(2-b...	7.969	9.4	ng	372748	2	8.063	789296	20.0
2,2,4-Trimethyl...	10.227	29.2	ng	1074940	3	9.822	736424	20.0
Tris(2-chloropr...	11.192	141.4	ng	4097400	4	11.304	579632	20.0
Bis(1-chloro-2-...	11.245	54.5	ng	1578190	4	11.304	579632	20.0
unknown11.710	11.710	7.0	ng	201845	4	11.304	579632	20.0
1,2-Benzenedica...	11.874	2.5	ng	72895	4	11.304	579632	20.0
unknown12.410	12.410	2.2	ng	64640	4	11.304	579632	20.0
Heptacosane	13.480	2.2	ng	61344	5	13.951	563361	20.0
Carbonic acid, ...	13.810	4.7	ng	131284	5	13.951	563361	20.0
Triphenylphosph...	14.051	3.0	ng	85519	5	13.951	563361	20.0
Tetradecane, 1-...	14.127	2.5	ng	70843	5	13.951	563361	20.0
Heptadecane	14.445	2.4	ng	68810	5	13.951	563361	20.0
1,4-Benzenedica...	14.604	2.9	ng	80158	5	13.951	563361	20.0
Octadecane	14.751	5.6	ng	113409	6	15.415	407991	20.0
Octacosane	15.086	4.3	ng	87311	6	15.415	407991	20.0