LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	15	24	33	rVB	934877	1261283	28.49%	1.980%
2	5.128	512	517	527	rVB	201675	277441	6.27%	0.436%
3	5.522	579	584	587	rBV	4170505	4131681	93.34%	6.487%
4	6.528	746	755	758	rBV	3646278	4134793	93.41%	6.492%
5	6.881	812	815	819	rBV	1147853	1044974	23.61%	1.641%
6	7.298	881	886	895	rBV2	70511	100214	2.26%	0.157%
7	7.451	904	912	915	rBV	2787302	2746987	62.06%	4.313%
8	8.069	1013	1017	1027	rBV	448227	554145	12.52%	0.870%
9	8.169	1030	1034	1036	rBV	1542577	1293537	29.22%	2.031%
10	8.816	1137	1144	1146	rBV3	63916	97903	2.21%	0.154%
11	8.945	1162	1166	1169	rBV4	54372	96367	2.18%	0.151%
12	9.157	1199	1202	1204	rBV3	81148	85734	1.94%	0.135%
13	9.245	1212	1217	1220	rBV	4817528	4426587	100.00%	6.950%
14	9.322	1226	1230	1232	rBV	314225	340274	7.69%	0.534%
15	9.580	1271	1274	1278	rBV3	129903	148853	3.36%	0.234%
16	9.627	1280	1282	1286	rBV2	509604	512050	11.57%	0.804%
17	9.692	1290	1293	1296	rVB3	269705	290118	6.55%	0.455%
18	9.739	1299	1301	1303	rVB2	181548	127565	2.88%	0.200%
19	9.786	1306	1309	1312	rBV2	881809	879072	19.86%	1.380%
20	9.810	1312	1313	1315	rBV	263723	188983	4.27%	0.297%
21	9.833	1315	1317	1320	rVB	1057525	859916	19.43%	1.350%
22	9.874	1320	1324	1326	rBV	477574	577982	13.06%	0.907%
23	9.927	1330	1333	1336	rVB	1438788	1265940	28.60%	1.988%
24	9.957	1336	1338	1343	rBV3	576016	835812	18.88%	1.312%
25	10.263	1388	1390	1393	rVB	541077	422464	9.54%	0.663%
26	10.298	1393	1396	1399	rBV3	538604	613578	13.86%	0.963%
27	10.333	1399	1402	1406	rBV2	1298047	1227148	27.72%	1.927%
28	10.386	1409	1411	1417	rVB4	582981	819186	18.51%	1.286%
29	10.727	1465	1469	1473	rBV	1995795	2648900	59.84%	4.159%
30	11.457	1590	1593	1596	rVB	1911882	1709843	38.63%	2.685%
31	12.657	1794	1797	1800	rVB	3256684	3213788	72.60%	5.046%
32	12.886	1833	1836	1841	rVB	2864987	3267208	73.81%	5.130%
33	13.015	1855	1858	1861	rVB	2475137	2200612	49.71%	3.455%
34	13.874	2002	2004	2009	rBV2	393859	581954	13.15%	0.914%
35	13.921	2010	2012	2016	rVB	681465	640367	14.47%	1.005%
36	14.068	2033	2037	2040	rBV2	2074143	3001857	67.81%	4.713%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.104	2040	2043	2049	rVB	2632895	2606502	58.88%	4.092%
38	14.180	2054	2056	2058	rVB	386067	265228	5.99%	0.416%
39	14.457	2101	2103	2106	rVB	459027	354016	8.00%	0.556%
40	14.551	2116	2119	2122	rBV2	411194	429561	9.70%	0.674%
41	15.133	2212	2218	2221	rBV	2023441	3692190	83.41%	5.797%
42	15.233	2231	2235	2247	rVB	895333	1524052	34.43%	2.393%
43	15.439	2266	2270	2276	rVB	1256993	1703245	38.48%	2.674%
44	15.504	2276	2281	2286	rVV	1795212	2211716	49.96%	3.472%
45	15.562	2287	2291	2294	rVV	657199	939265	21.22%	1.475%
46	15.598	2294	2297	2303	rVB2	534665	720383	16.27%	1.131%
47	16.004	2362	2366	2371	rBV2	351991	527132	11.91%	0.828%
48	17.068	2541	2547	2553	rBV2	631424	1210436	27.34%	1.900%
49	17.527	2619	2625	2634	rVB	441813	884194	19.97%	1.388%

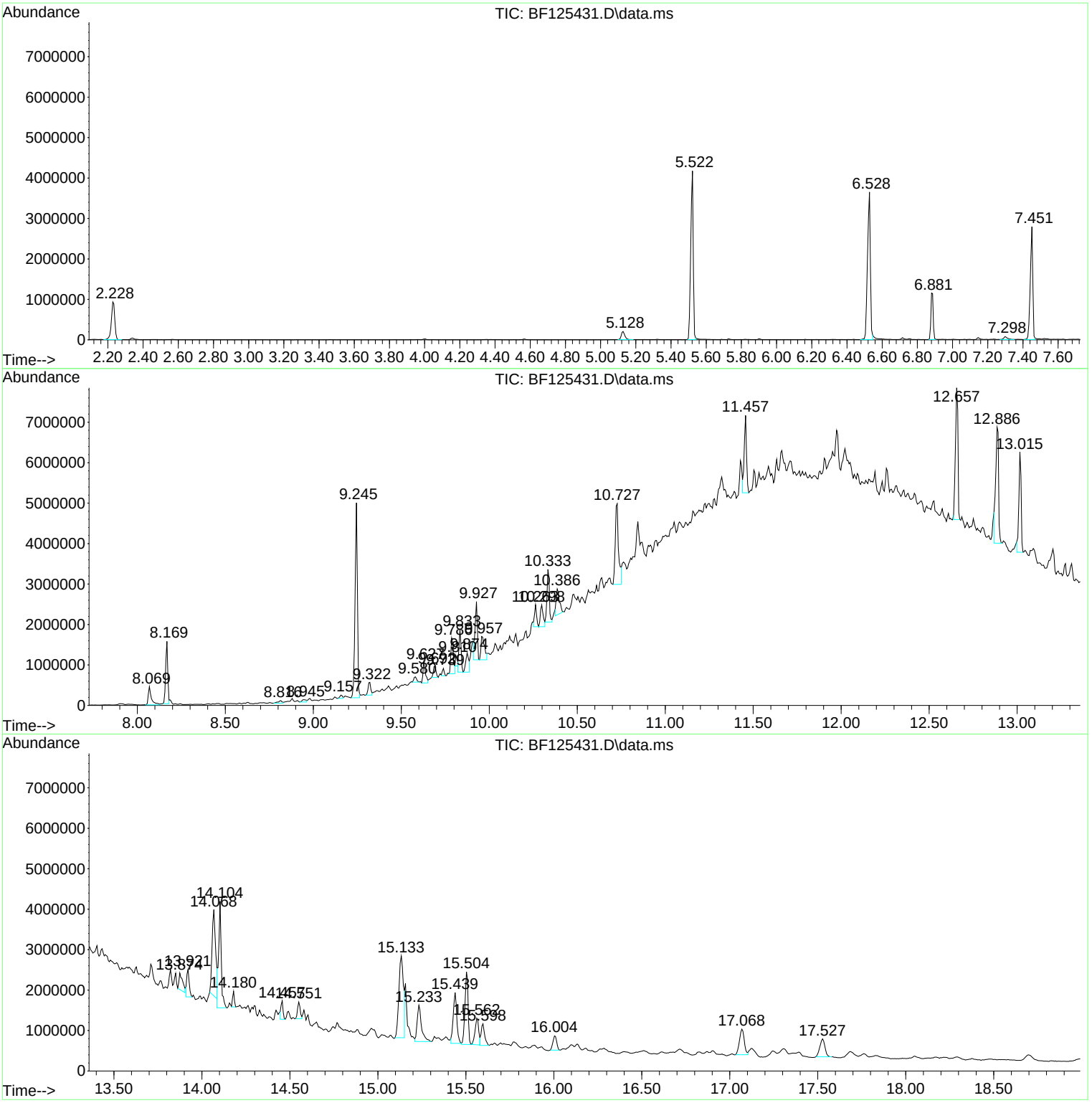
Sum of corrected areas: 63693036

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

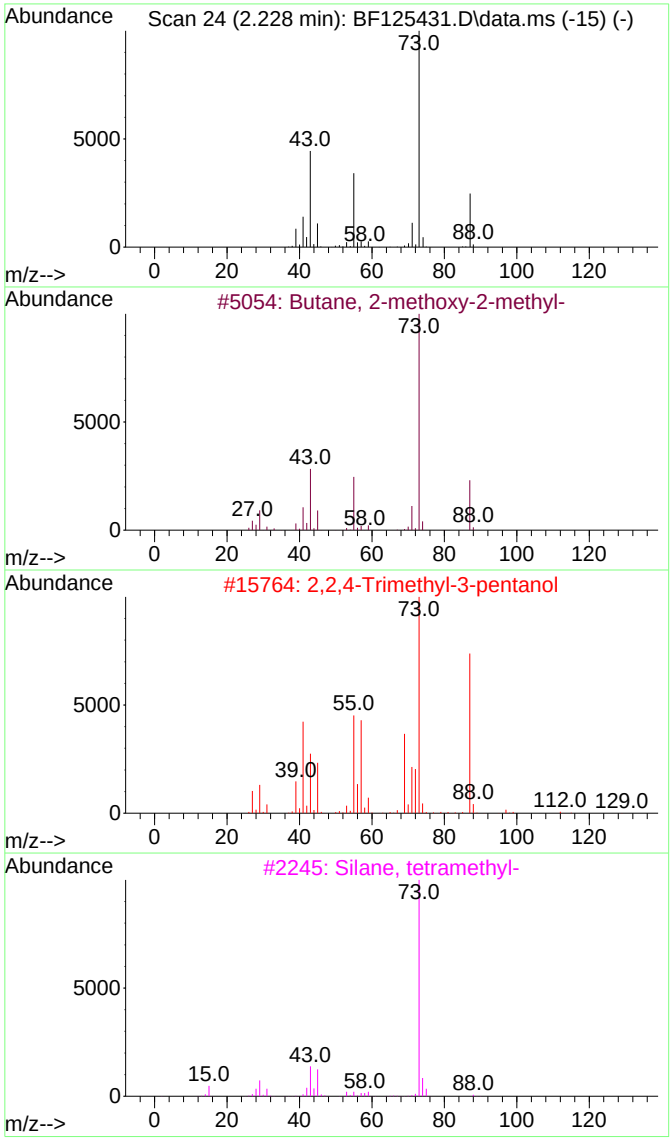
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

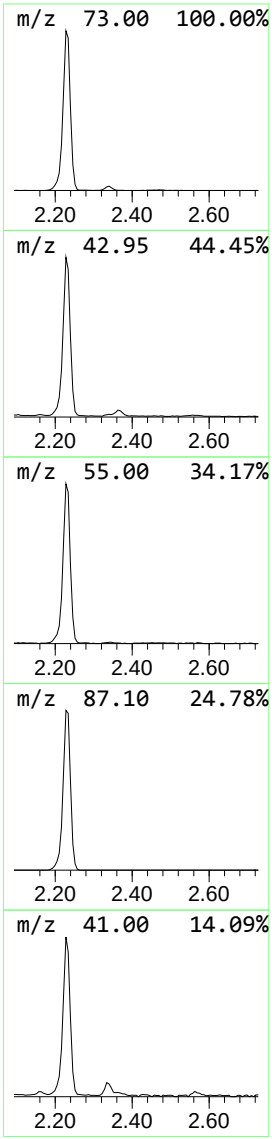
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	24.14 ng	1261280	1,4-Dichlorobenzene-d4	6.886

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
327

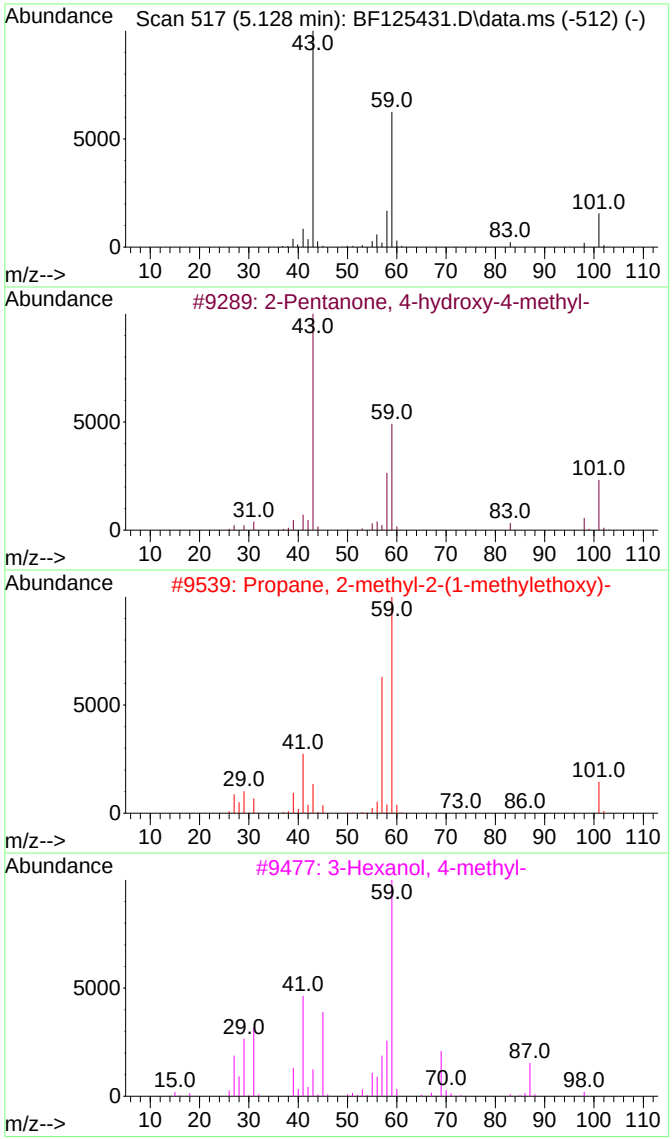
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

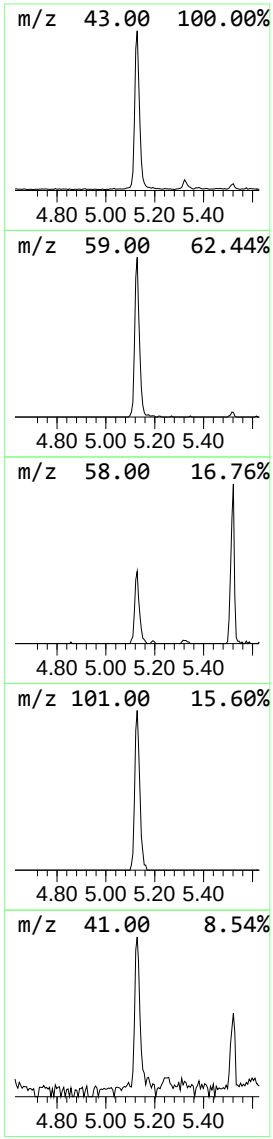
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	5.31 ng	277441	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

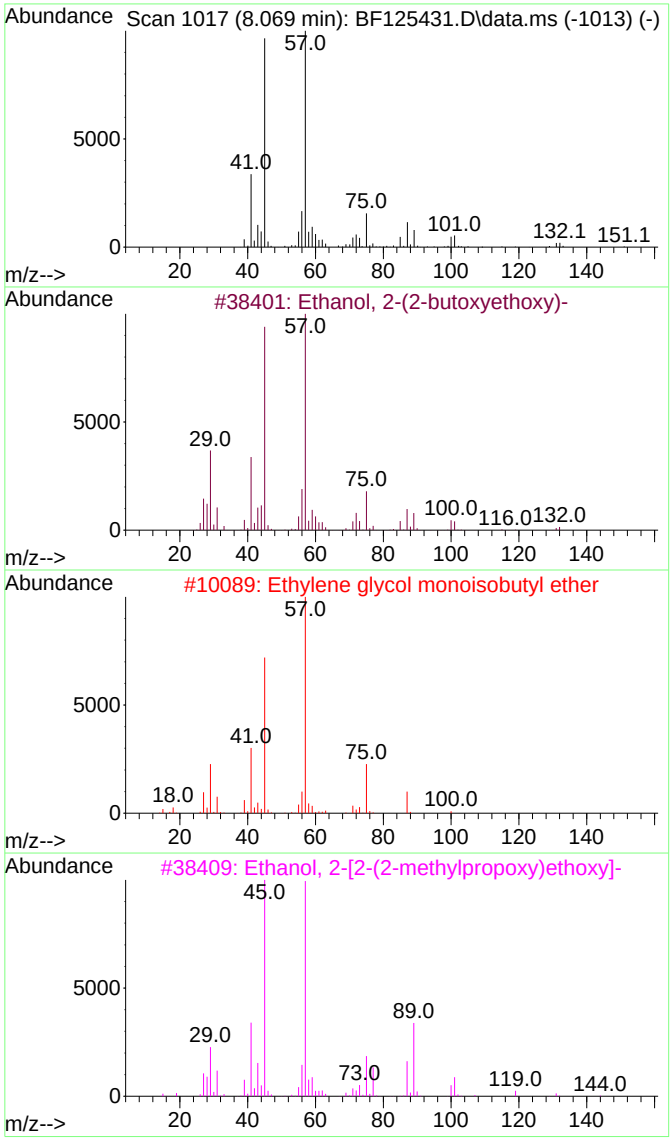
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

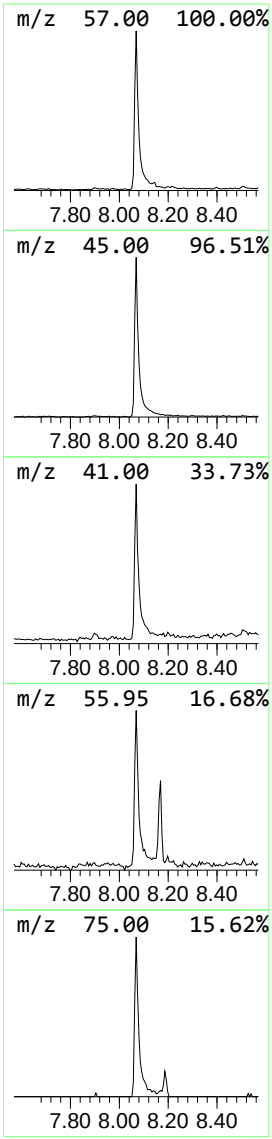
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	8.57 ng	554145	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

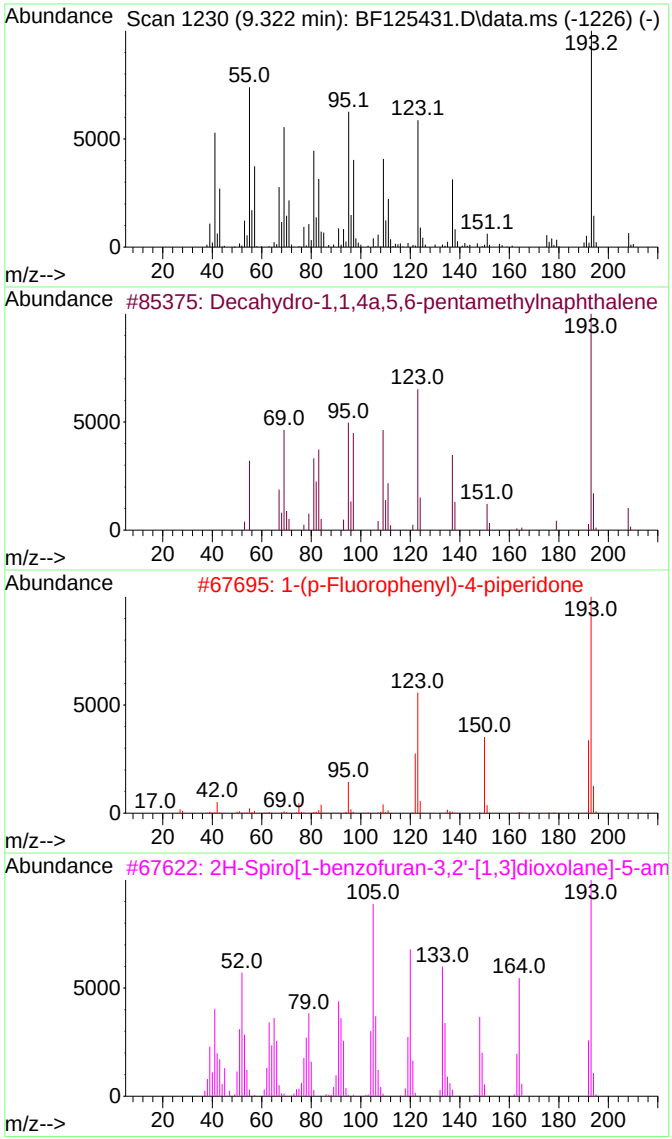
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

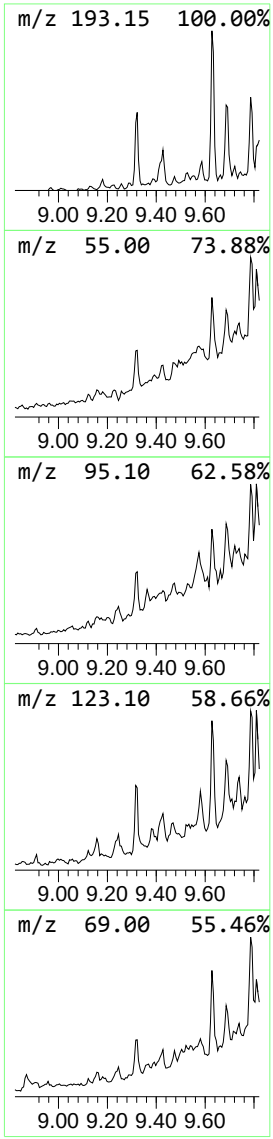
****

Peak Number 4 unknown9.322 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	5.38 ng	340274	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	49
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	35
4	Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	27
5	Toxoflavin	193	C7H7N5O2	000084-82-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
327

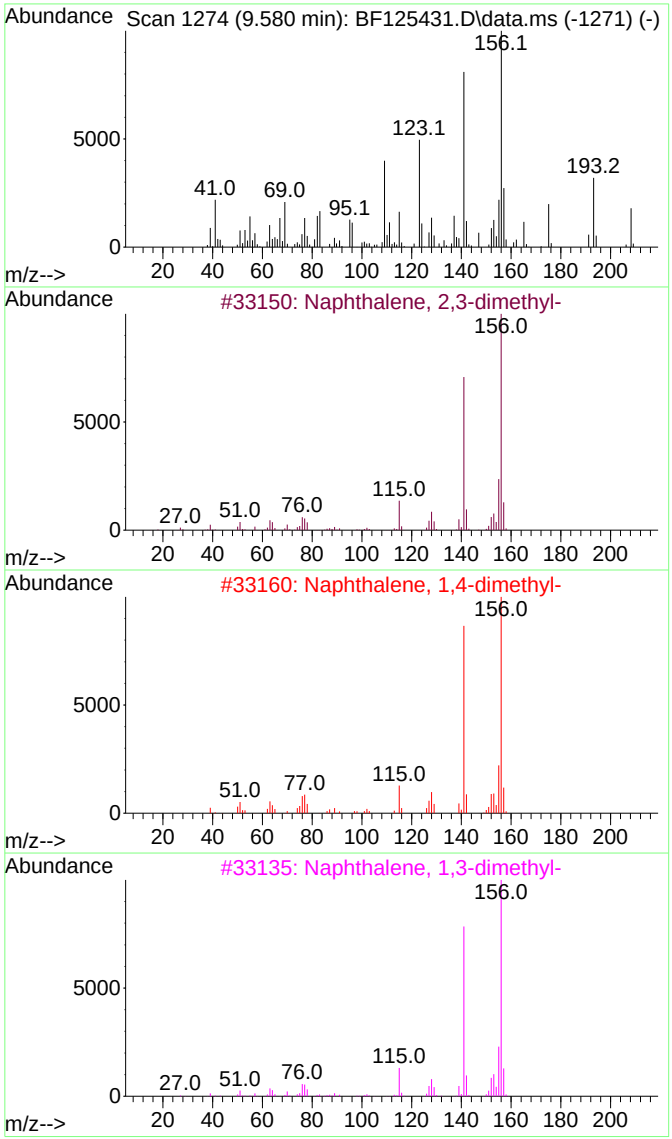
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

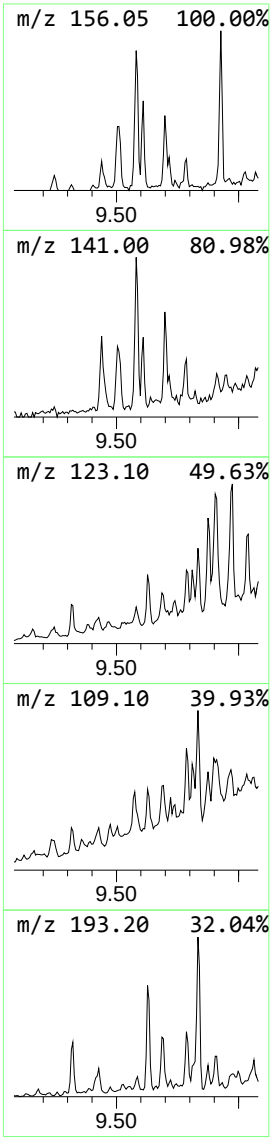
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	2.35 ng	148853	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

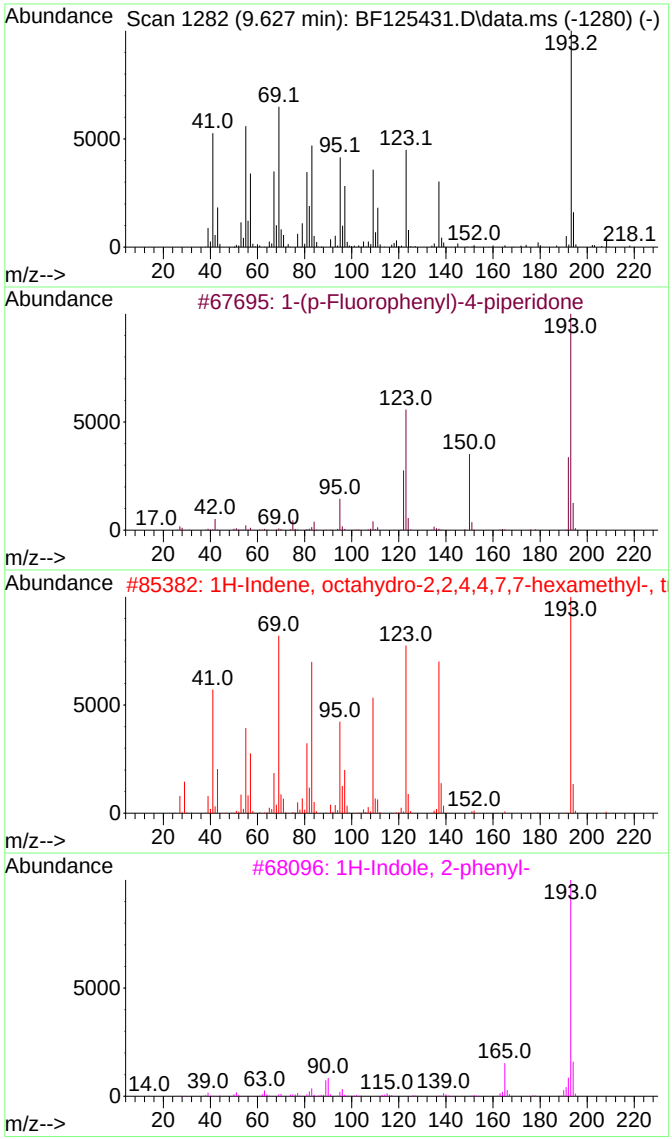
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

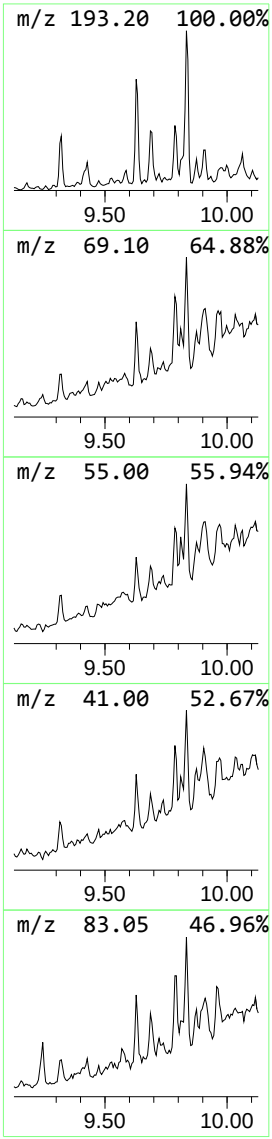
****

Peak Number 6 unknown9.627 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	8.09 ng	512050	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	25
4	Acetylene, 1-(2-aminophenyl)-2-p...	193	C14H11N	1000380-73-4	22
5	1-Anthracenamine	193	C14H11N	000610-49-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

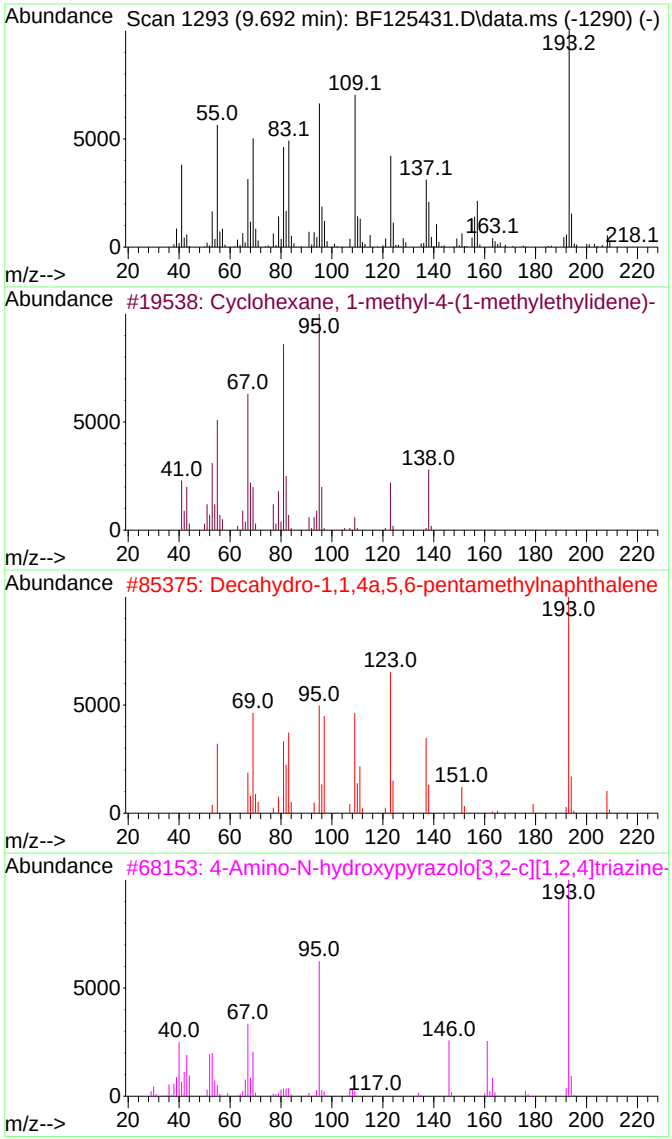
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

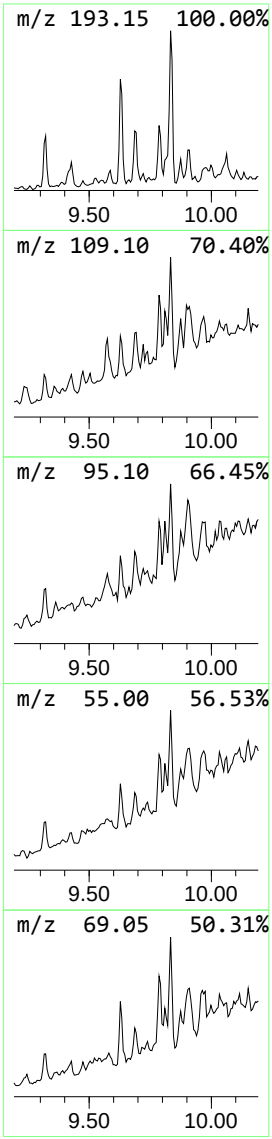
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	4.58 ng	290118	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	56
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	45
3	4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	30
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	25
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

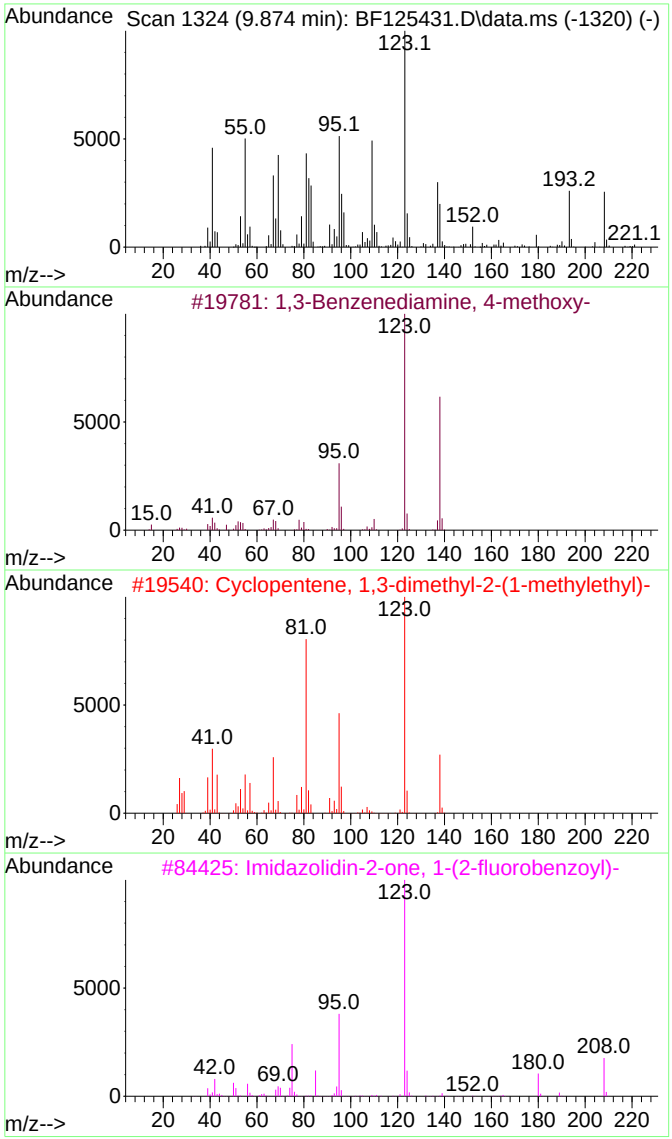
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

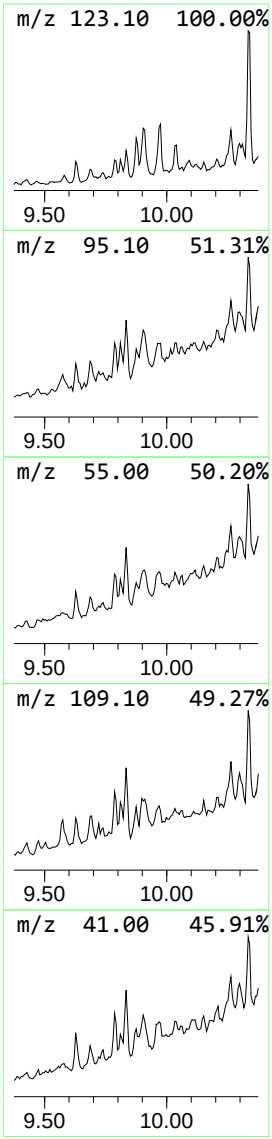
****

Peak Number 8 unknown9.874 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.874	9.13 ng	577982	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
2	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	46
3	Imidazolidin-2-one, 1-(2-fluorob...	208	C10H9FN2O2	1010310-62-2	43
4	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	43
5	Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

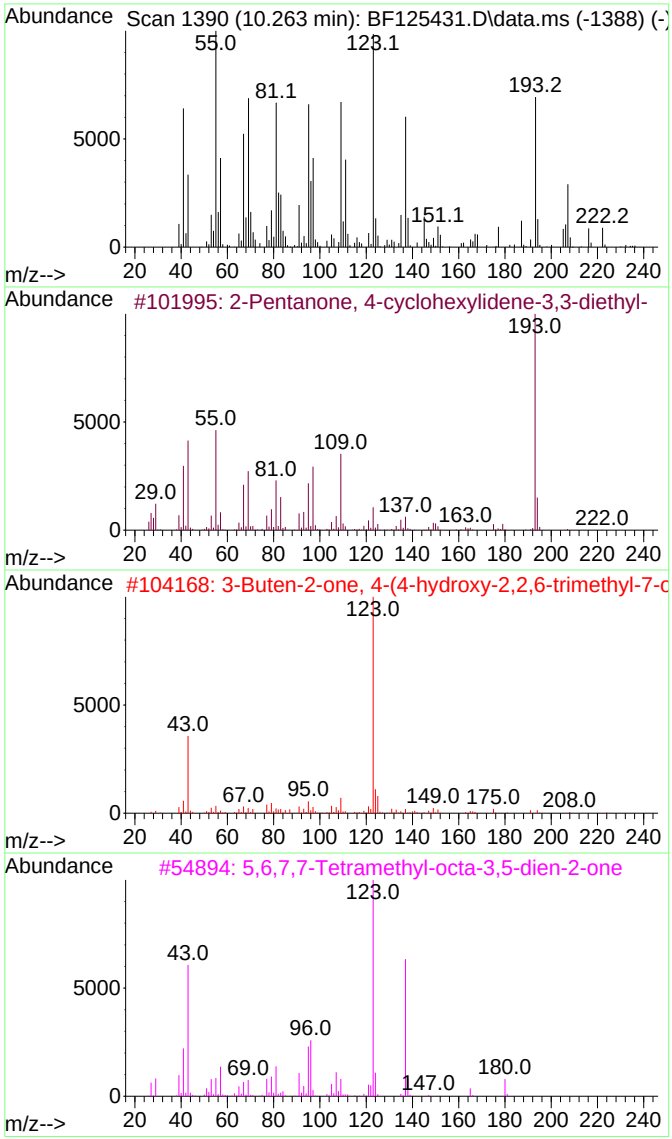
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

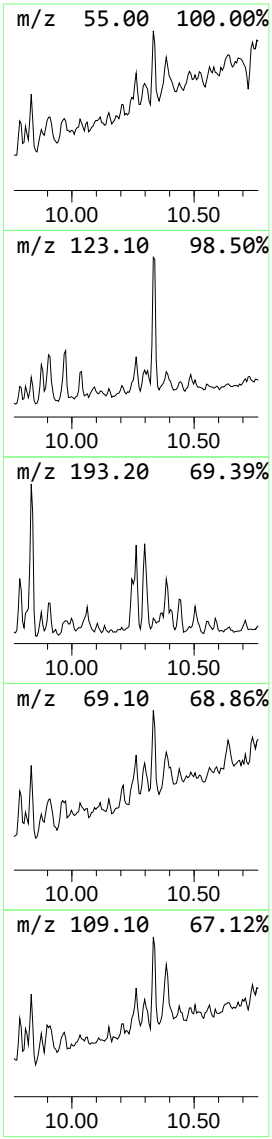
****

Peak Number 9 unknown10.263 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	6.67 ng	422464	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	35
2	3-Buten-2-one, 4-(4-hydroxy-2,2,...	224	C13H20O3	038274-01-0	35
3	5,6,7,7-Tetramethyl-octa-3,5-die...	180	C12H20O	1000190-70-9	27
4	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	27
5	2-(4-Fluorobenzoylamido)thiazole	222	C10H7FN2OS	313376-92-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

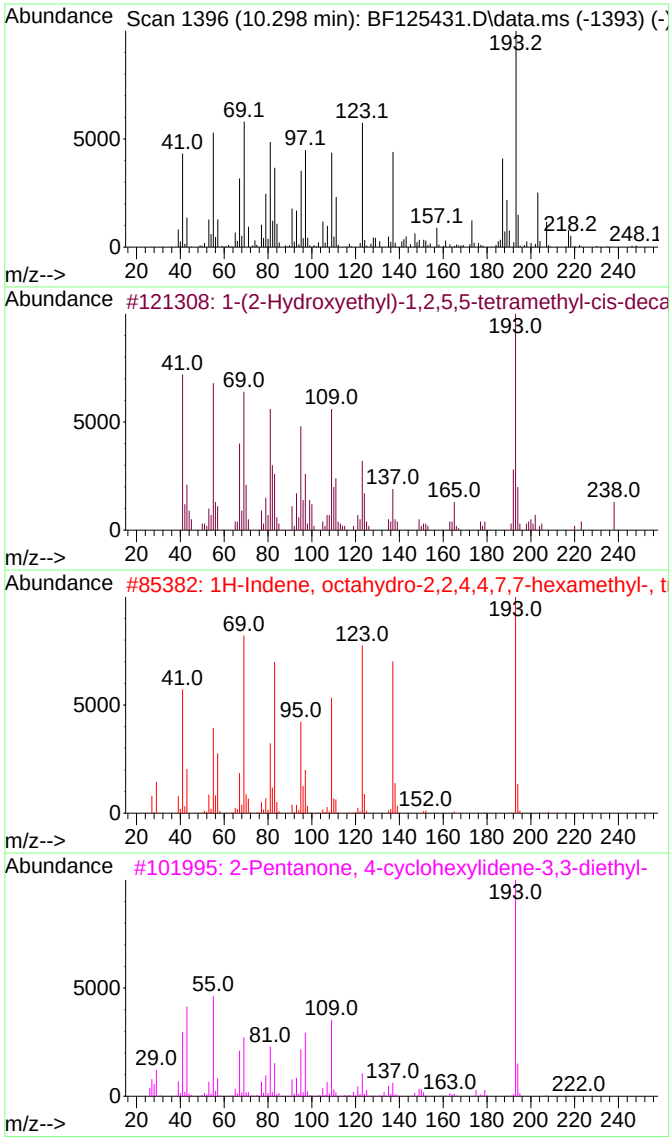
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

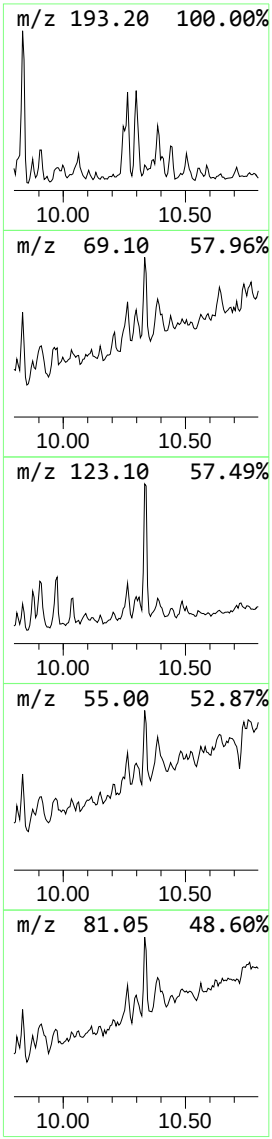
****

Peak Number 10 unknown10.298 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	9.69 ng	613578	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	43
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25
4	1-Anthracenamine	193	C14H11N	000610-49-1	25
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

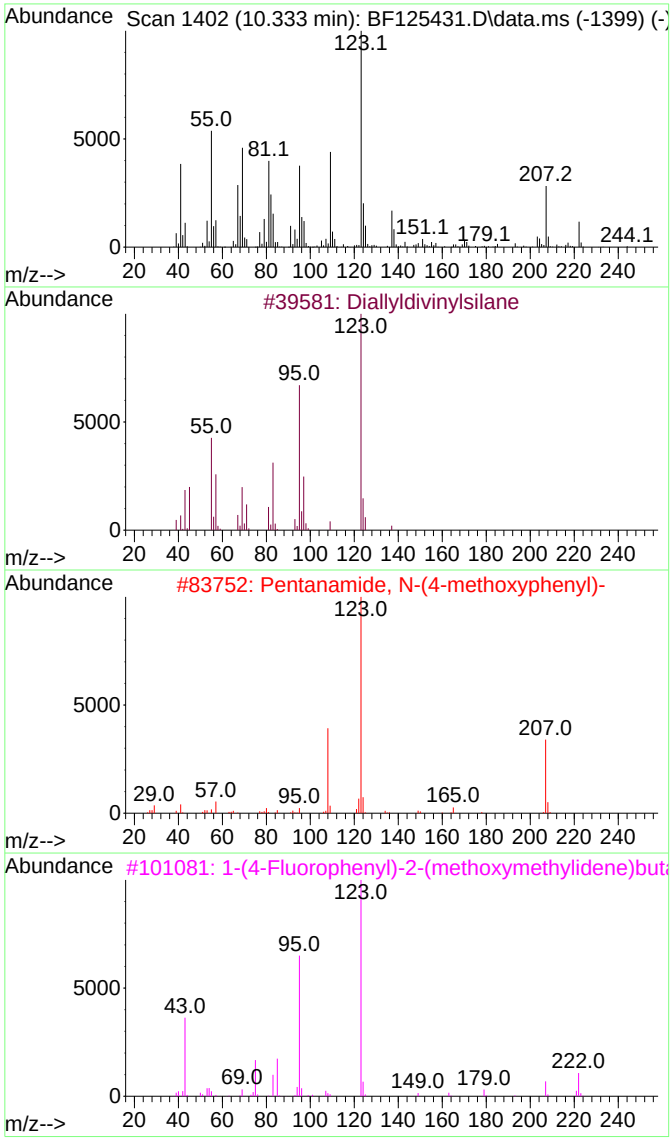
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

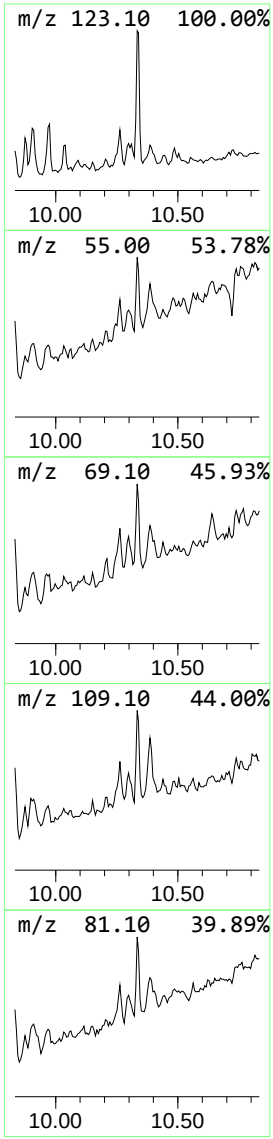
****

Peak Number 11 unknown10.333 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	19.39 ng	1227150	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diallyldivinylsilane	164	C10H16Si	119901-88-1	47
2	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	38
3	1-(4-Fluorophenyl)-2-(methoxymet...	222	C12H11FO3	1000388-14-4	38
4	Glyoxal monoxime, 2-(4-fluorophe...	167	C8H6FNO2	017628-74-9	38
5	N-[1-(4-Chlorobenzyl)-2-oxoazepa...	374	C20H20ClFN2O2	1000481-70-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

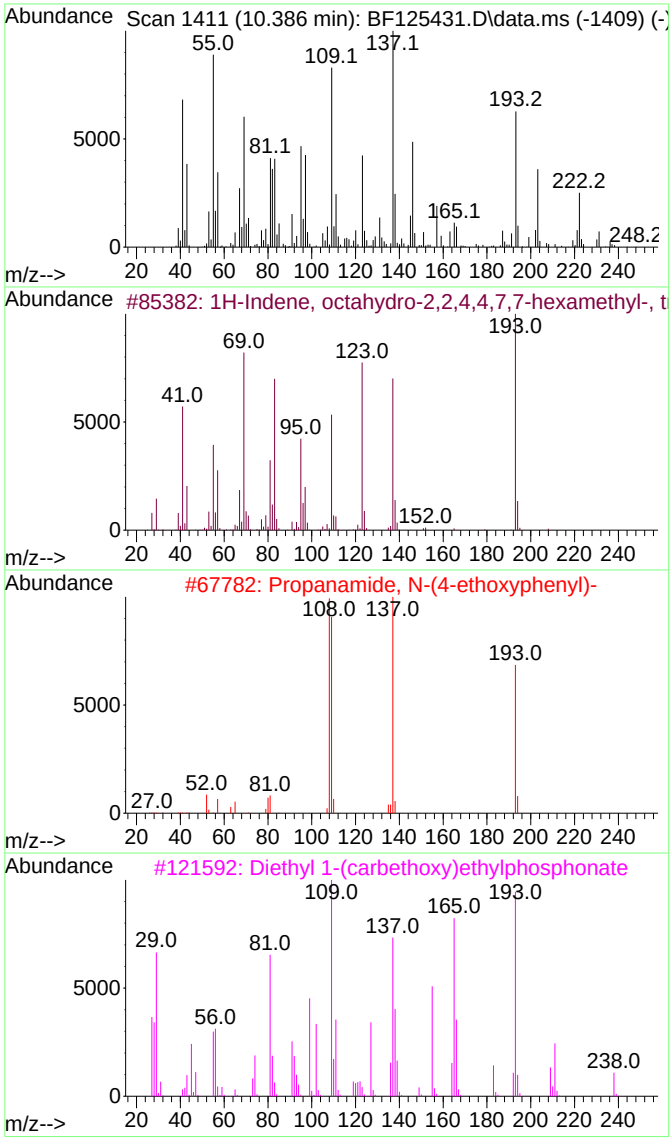
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

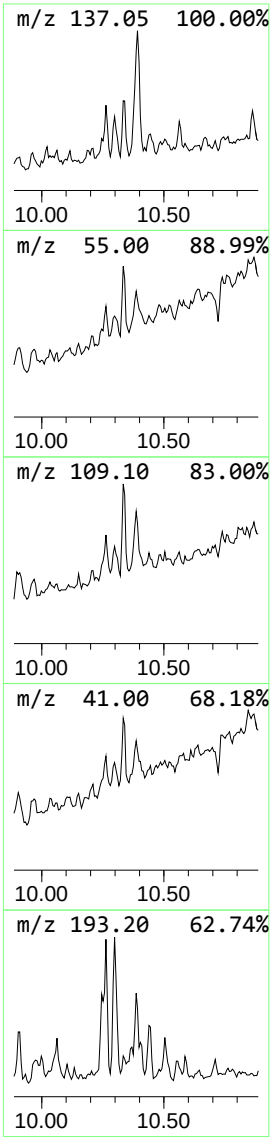
****

Peak Number 12 unknown10.386 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	12.94 ng	819186	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
2	Propanamide, N-(4-ethoxyphenyl)-	193	C11H15NO2	019314-14-8	38
3	Diethyl 1-(carbethoxy)ethylphosp...	238	C9H19O5P	1000306-25-7	30
4	formamide, N-(4-butoxyphenyl)-	193	C11H15NO2	1000400-28-0	27
5	1-(2,4-Diethoxyphenyl)propan-1-one	222	C13H18O3	1000410-44-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

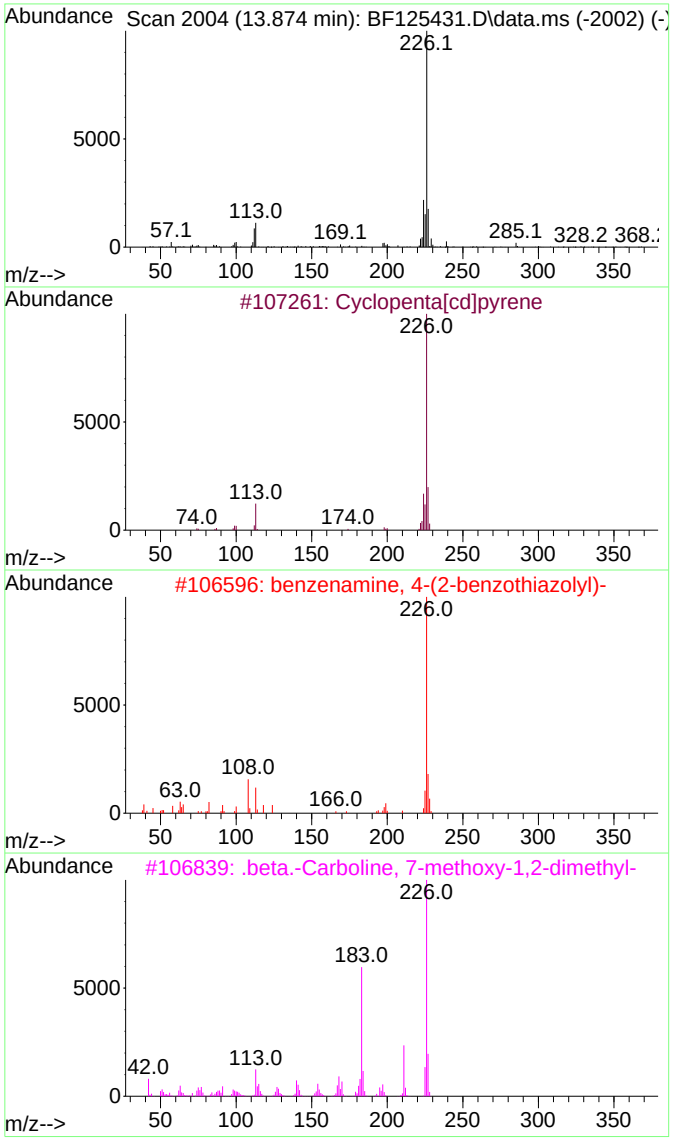
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

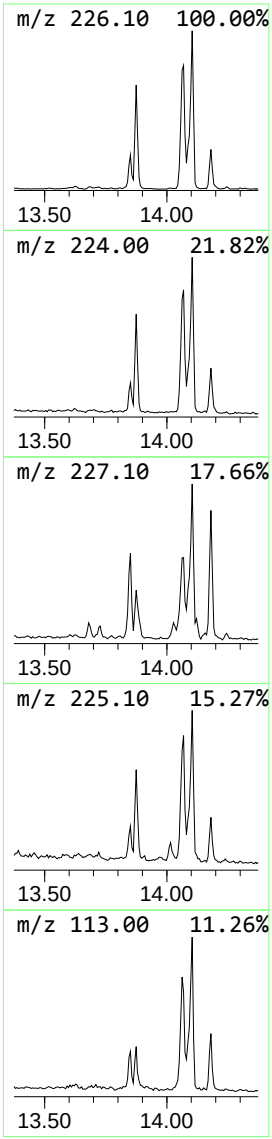
****

Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.88 ng	581954	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	64
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

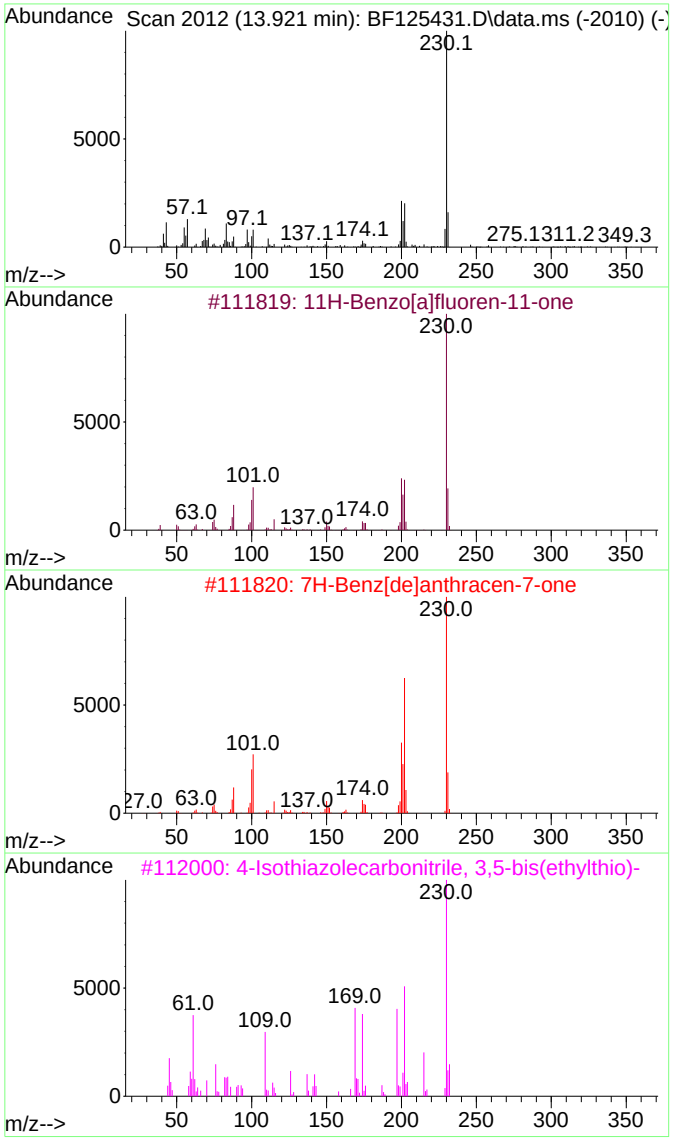
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

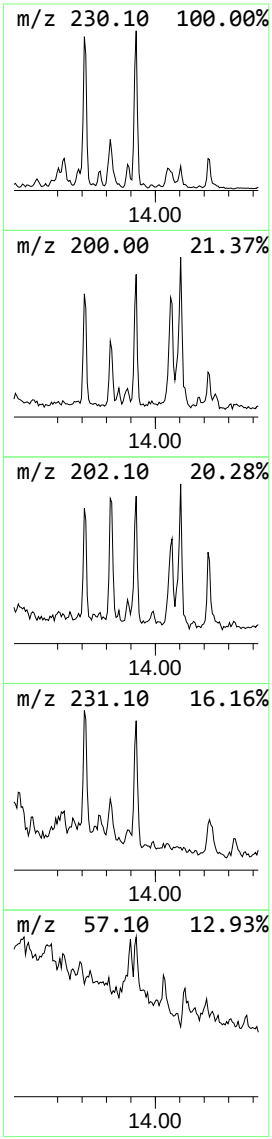
****

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	4.27 ng	640367	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
4	m-Terphenyl	230	C18H14	000092-06-8	50
5	p-Terphenyl	230	C18H14	000092-94-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

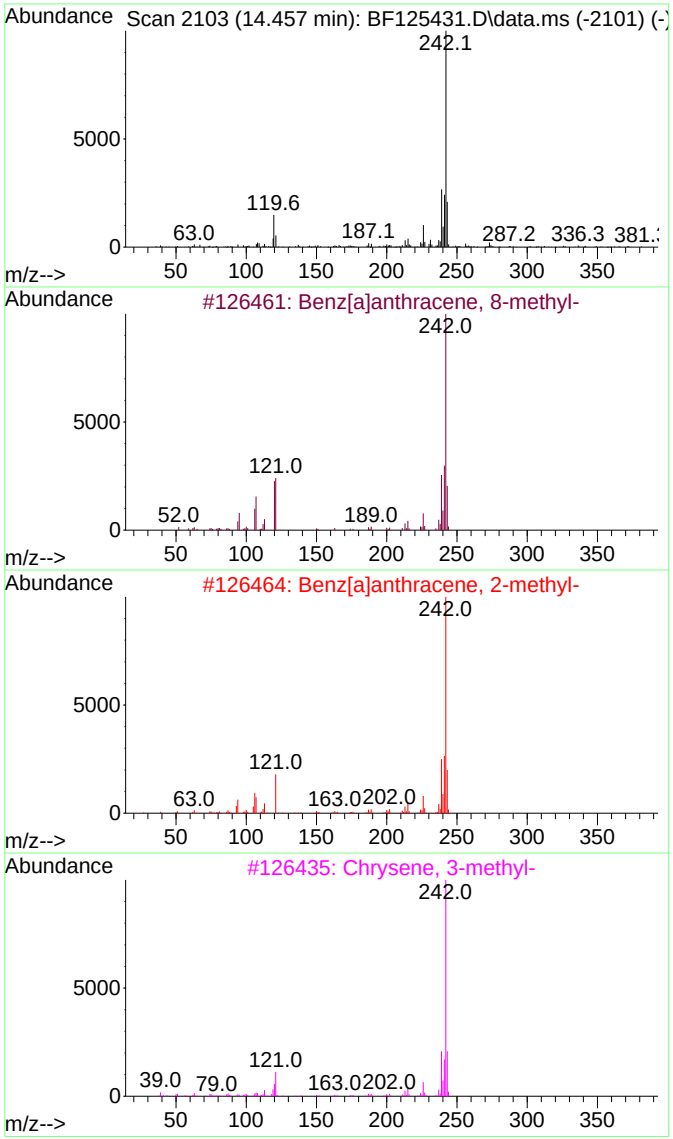
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

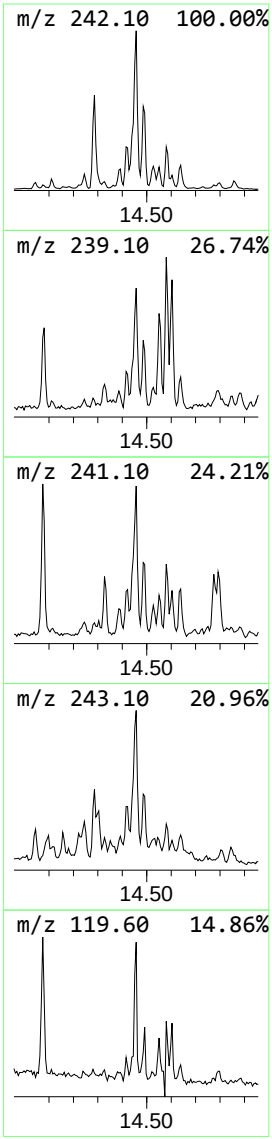
****

Peak Number 15 Benz[a]anthracene, 8-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	2.36 ng	354016	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

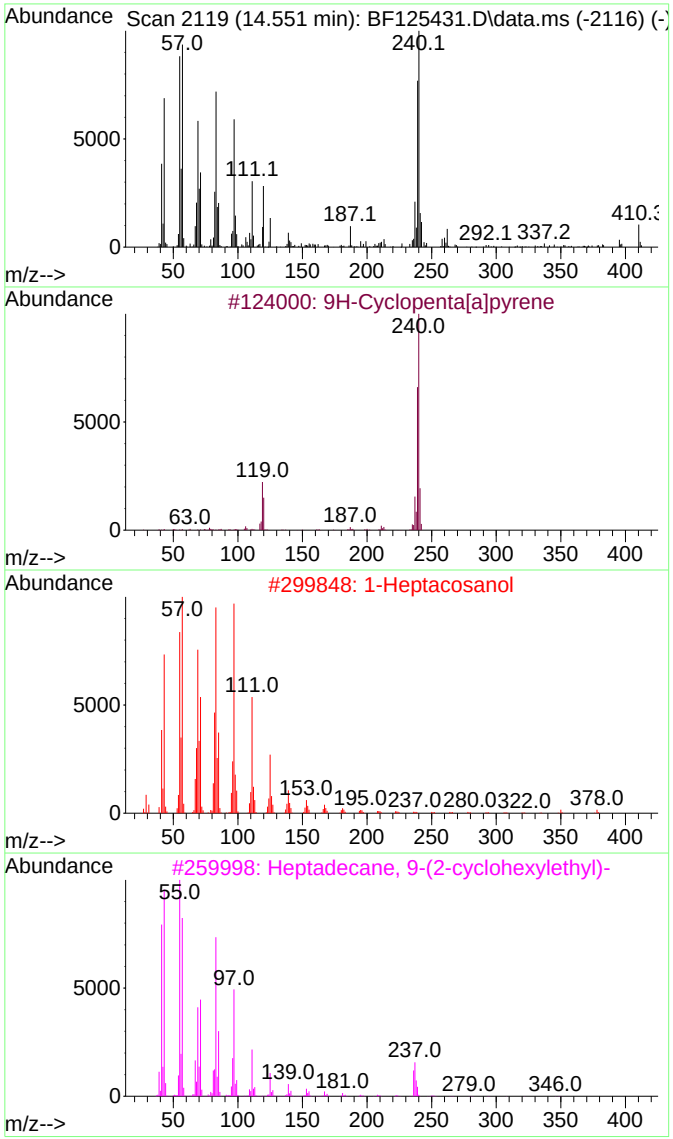
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

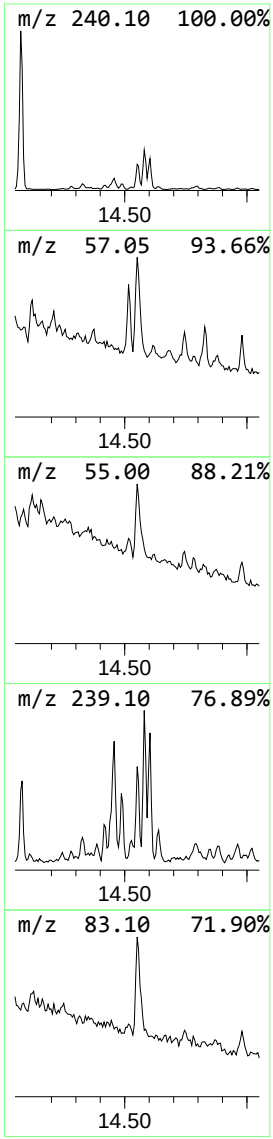
****

Peak Number 16 9H-Cyclopenta[a]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.551	2.86 ng	429561	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	60
2	1-Heptacosanol	396	C27H56O	002004-39-9	38
3	Heptadecane, 9-(2-cyclohexylethyl)-	350	C25H50	025446-35-9	38
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	30
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

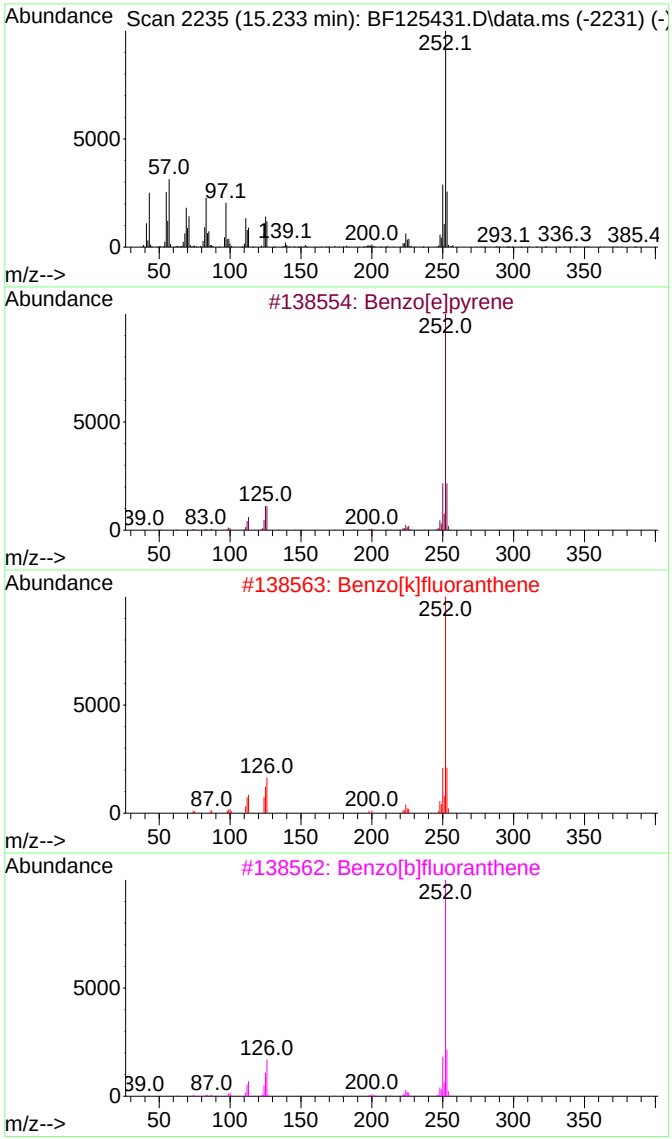
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

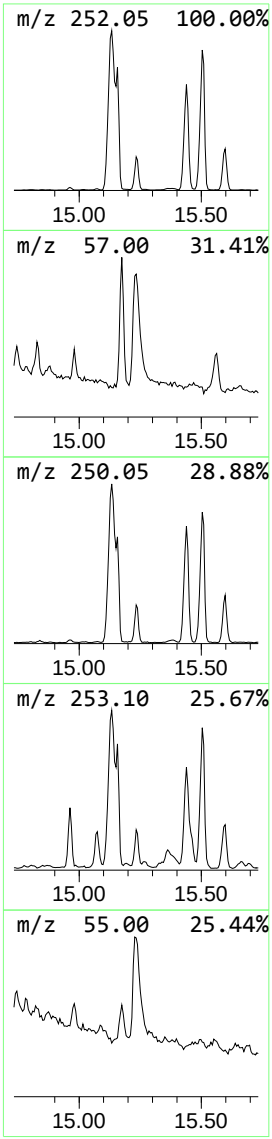
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	32.45 ng	1524050	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	86
4	Benzo[a]pyrene	252	C20H12	000050-32-8	86
5	Perylene	252	C20H12	000198-55-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

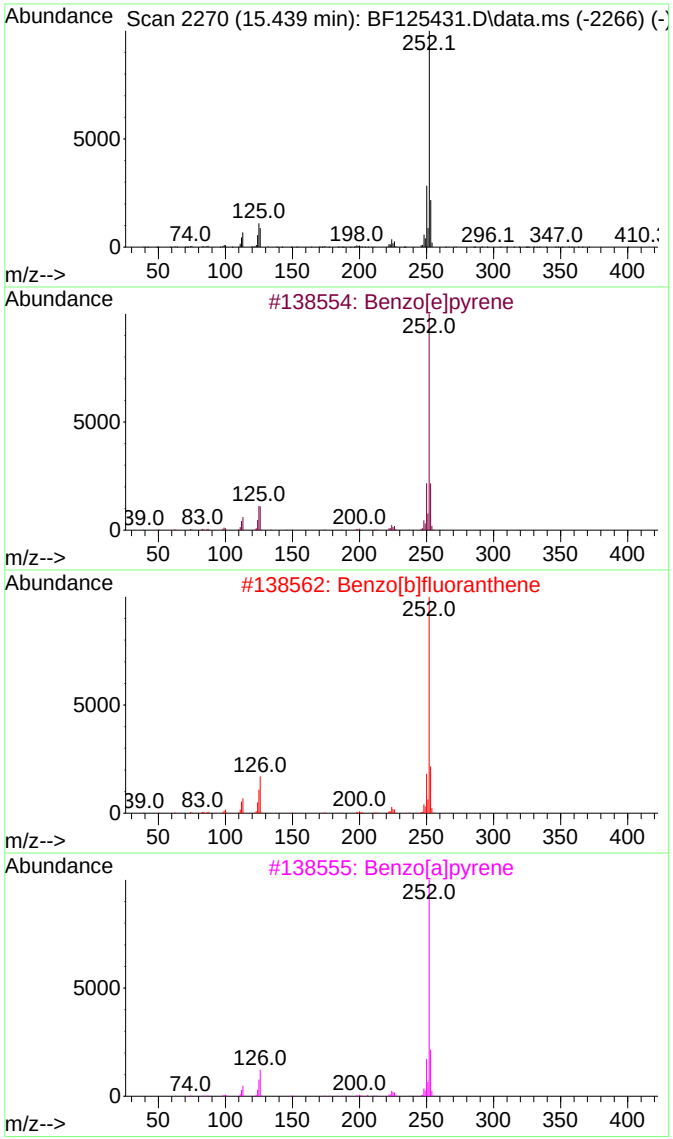
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

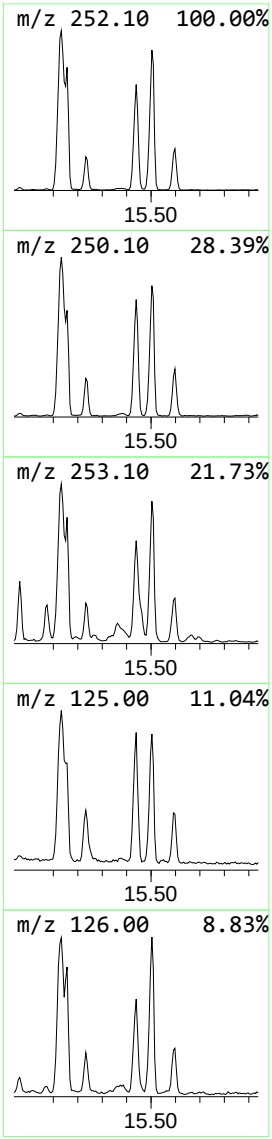
****

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	36.27 ng	1703250	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

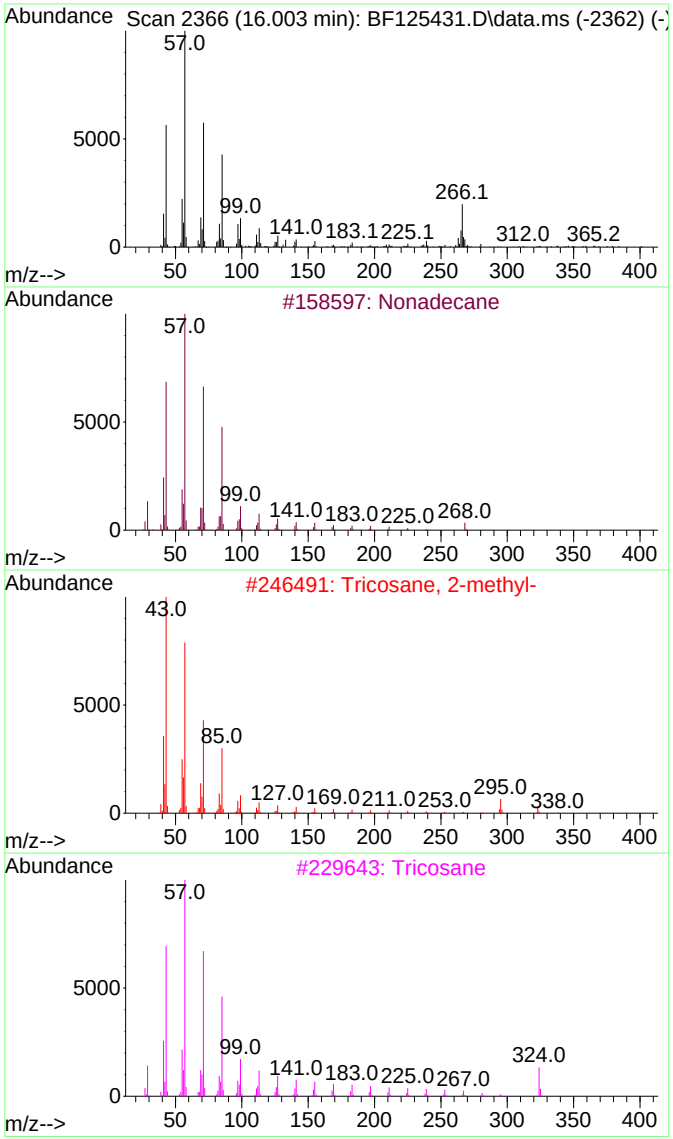
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

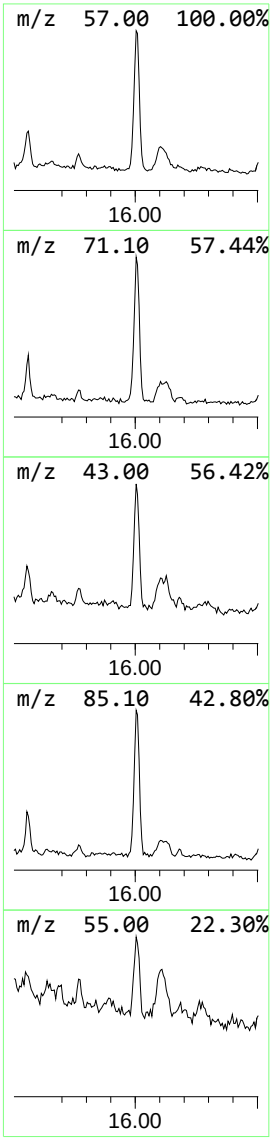
****

Peak Number 19 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.003	11.22 ng	527132	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	89
3	Tricosane	324	C23H48	000638-67-5	86
4	Hexacosane	366	C26H54	000630-01-3	78
5	Octacosane	394	C28H58	000630-02-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125431.D
Acq On : 10 Sep 2021 19:05
Operator : JU/CG
Sample : M3685-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 327

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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...	2.228	24.1	ng	1261280	1	6.886	1044970	20.0
2-Pentanone, 4-...	5.128	5.3	ng	277441	1	6.886	1044970	20.0
Ethanol, 2-(2-b...	8.069	8.6	ng	554145	2	8.169	1293540	20.0
unknown9.322	9.322	5.4	ng	340274	3	9.927	1265940	20.0
Naphthalene, 2,...	9.580	2.4	ng	148853	3	9.927	1265940	20.0
unknown9.627	9.627	8.1	ng	512050	3	9.927	1265940	20.0
Cyclohexane, 1-...	9.692	4.6	ng	290118	3	9.927	1265940	20.0
unknown9.874	9.874	9.1	ng	577982	3	9.927	1265940	20.0
unknown10.263	10.263	6.7	ng	422464	3	9.927	1265940	20.0
unknown10.298	10.298	9.7	ng	613578	3	9.927	1265940	20.0
unknown10.333	10.333	19.4	ng	1227150	3	9.927	1265940	20.0
unknown10.386	10.386	12.9	ng	819186	3	9.927	1265940	20.0
Cyclopenta[cd]p...	13.874	3.9	ng	581954	5	14.074	3001860	20.0
11H-Benzo[a]flu...	13.921	4.3	ng	640367	5	14.074	3001860	20.0
Benz[a]anthrace...	14.457	2.4	ng	354016	5	14.074	3001860	20.0
9H-Cyclopenta[a...	14.551	2.9	ng	429561	5	14.074	3001860	20.0
Benzo[e]pyrene	15.233	32.5	ng	1524050	6	15.562	939265	20.0
Perylene	15.439	36.3	ng	1703250	6	15.562	939265	20.0
Nonadecane	16.003	11.2	ng	527132	6	15.562	939265	20.0