LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.182	11	16	31	rVB2	87704	163008	6.14%	0.868%
2	5.115	339	345	353	rBV	102446	167501	6.31%	0.892%
3	5.596	419	427	440	rBV	506848	915218	34.45%	4.875%
4	7.195	687	699	716	rBV	547898	1065555	40.11%	5.675%
5	7.553	752	760	778	rBV	591481	1058044	39.83%	5.635%
6	8.011	830	838	847	rBV	149405	265080	9.98%	1.412%
7	8.334	885	893	907	rBV	440695	802484	30.21%	4.274%
8	9.175	1027	1036	1047	rBV	301530	606359	22.83%	3.230%
9	10.820	1307	1316	1327	rBV	167470	348348	13.11%	1.855%
10	13.264	1725	1732	1747	rBV	921769	1571519	59.16%	8.370%
11	14.092	1866	1873	1885	rBV	126607	229131	8.63%	1.220%
12	14.639	1960	1966	1975	rBV	327002	537024	20.22%	2.860%
13	16.131	2213	2220	2240	rBV	791625	1353982	50.97%	7.212%
14	17.389	2427	2434	2438	rBV	410224	681479	25.66%	3.630%
15	17.430	2438	2441	2448	rVV	153391	239178	9.00%	1.274%
16	17.500	2448	2453	2463	rVB4	35210	91475	3.44%	0.487%
17	17.800	2496	2504	2513	rBV3	13046	30824	1.16%	0.164%
18	18.276	2578	2585	2588	rBV3	59849	100152	3.77%	0.533%
19	18.311	2588	2591	2600	rVB2	31430	57244	2.16%	0.305%
20	18.458	2611	2616	2620	rBV3	39172	72680	2.74%	0.387%
21	18.810	2671	2676	2682	rVB5	15251	29356	1.11%	0.156%
22	19.186	2733	2740	2745	rBV5	21207	48477	1.82%	0.258%
23	19.322	2757	2763	2767	rBV6	15494	29974	1.13%	0.160%
24	19.433	2776	2782	2791	rBV	346543	536774	20.21%	2.859%
25	19.797	2834	2844	2852	rBV	264954	500006	18.82%	2.663%
26	19.868	2853	2856	2862	rVB3	20027	34985	1.32%	0.186%
27	19.997	2872	2878	2884	rBV	1954636	2656281	100.00%	14.148%
28	20.127	2894	2900	2906	rBV7	19360	44190	1.66%	0.235%
29	20.256	2917	2922	2923	rBV5	20006	29070	1.09%	0.155%
30	20.291	2924	2928	2934	rVB2	68829	108089	4.07%	0.576%
31	20.391	2941	2945	2950	rBV	35663	50593	1.90%	0.269%
32	20.450	2951	2955	2958	rVV3	19519	28922	1.09%	0.154%
33	20.597	2975	2980	2983	rBV3	20666	43331	1.63%	0.231%
34	21.237	3085	3089	3092	rBV3	22132	36899	1.39%	0.197%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.290	3092	3098	3103	rBV3	134069	241851	9.10%	1.288%
36	21.648	3151	3159	3164	rBV2	531751	1166262	43.91%	6.212%
37	21.695	3164	3167	3178	rVB	152476	269877	10.16%	1.437%
38	21.842	3188	3192	3198	rVB5	46255	78106	2.94%	0.416%
39	22.441	3290	3294	3299	rBV3	34695	54832	2.06%	0.292%
40	23.123	3404	3410	3416	rVB5	43581	91960	3.46%	0.490%
41	23.317	3439	3443	3448	rVB2	41118	66626	2.51%	0.355%
42	23.834	3523	3531	3537	rBV2	113419	351412	13.23%	1.872%
43	24.092	3570	3575	3581	rVB3	25549	58929	2.22%	0.314%
44	24.545	3647	3652	3665	rVB2	73204	214686	8.08%	1.143%
45	24.692	3669	3677	3689	rVB3	90949	295422	11.12%	1.574%
46	24.845	3694	3703	3712	rBV	329619	934455	35.18%	4.977%
47	28.470	4309	4320	4333	rBV4	49180	229763	8.65%	1.224%
48	29.598	4502	4512	4525	rVB4	43750	187385	7.05%	0.998%

Sum of corrected areas: 18774798

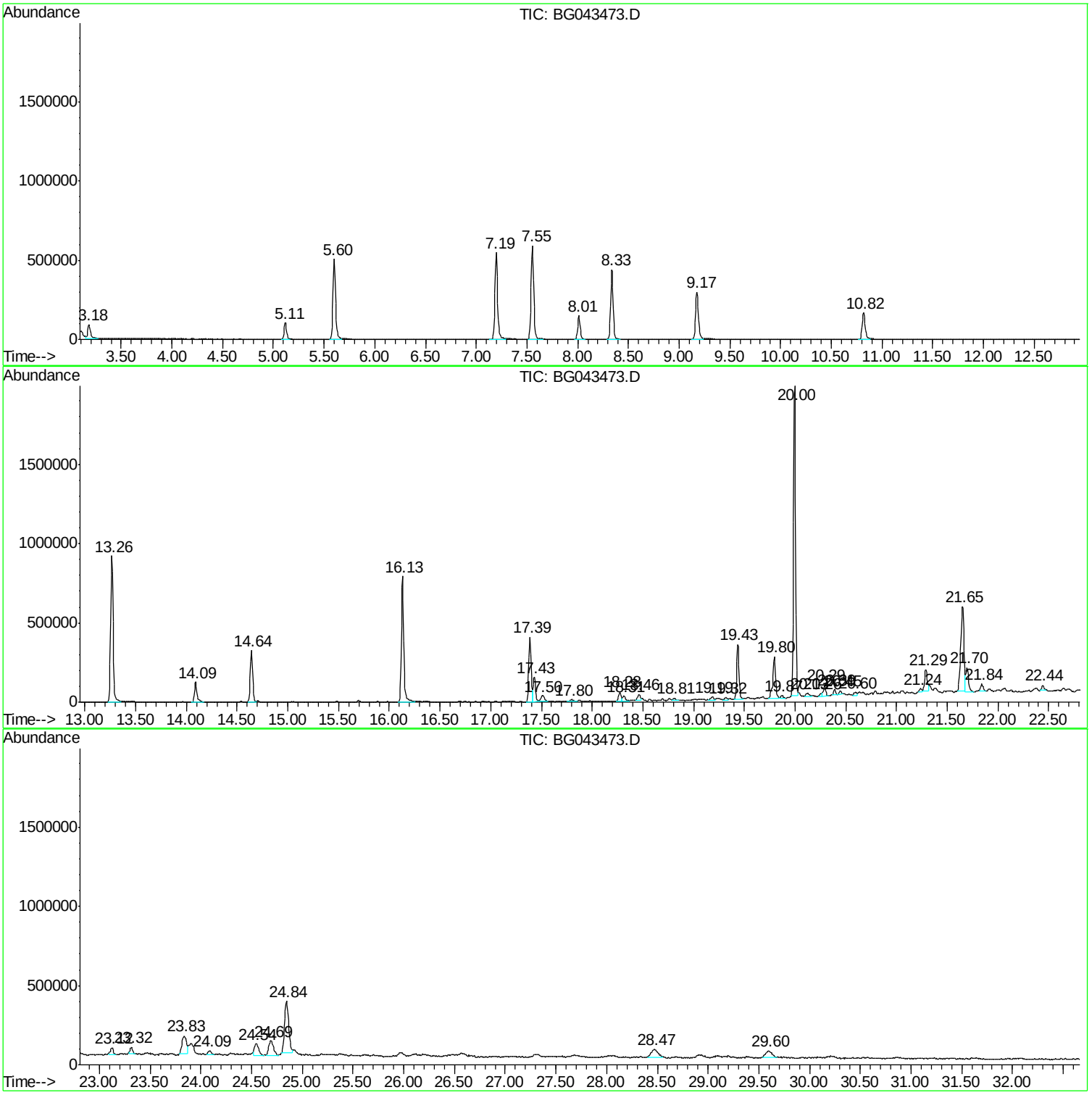
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

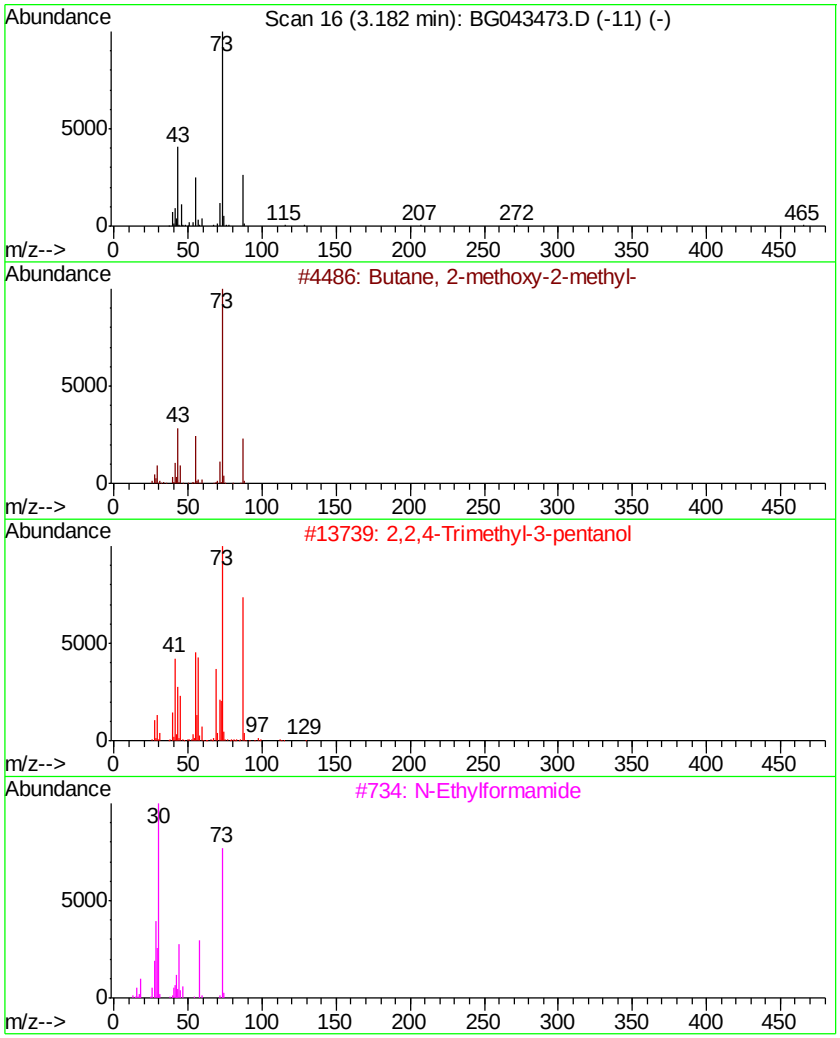
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

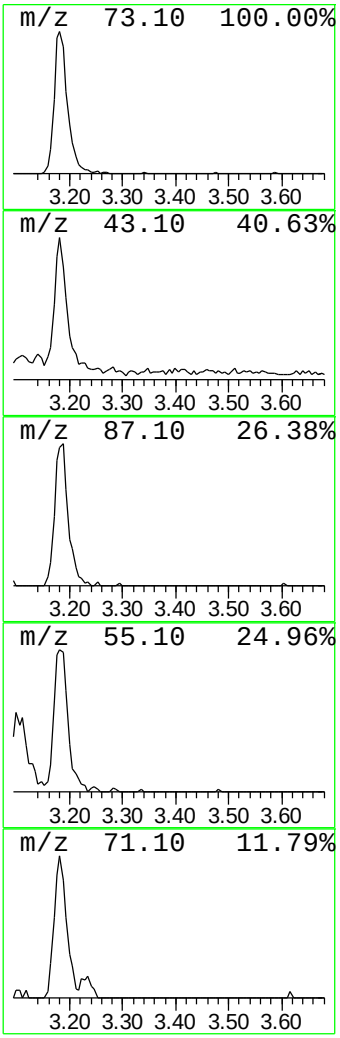
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	12.30 ng	163008	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

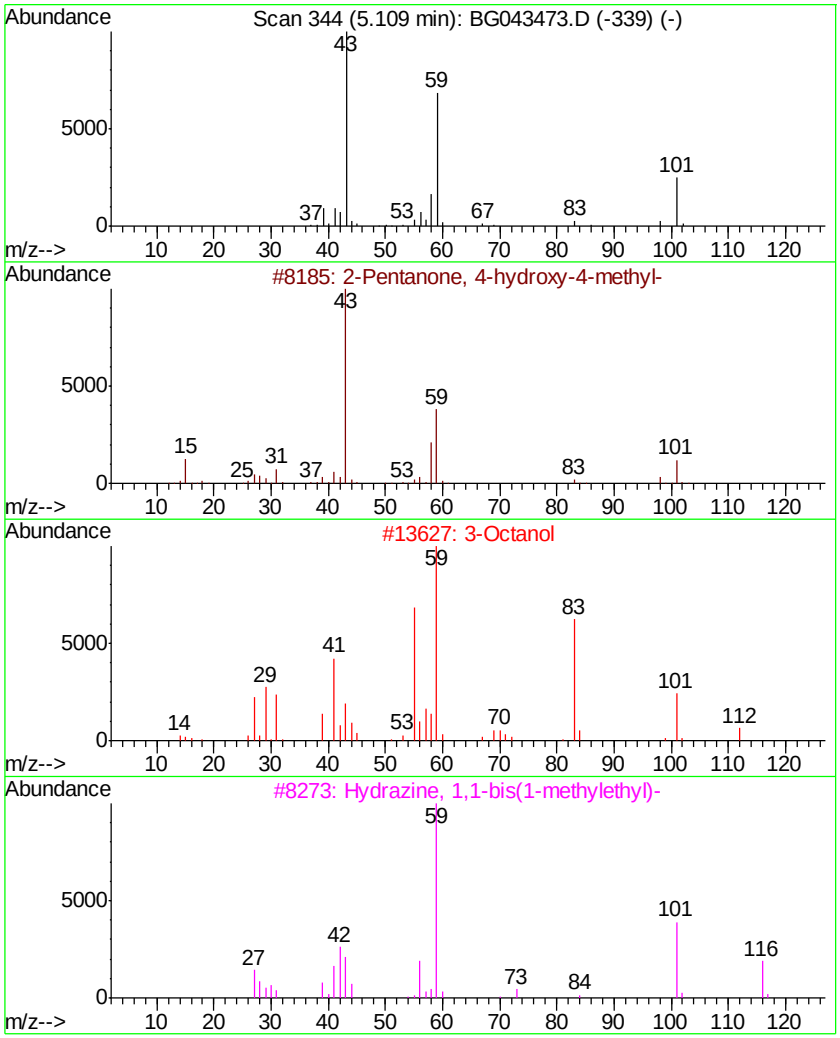
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

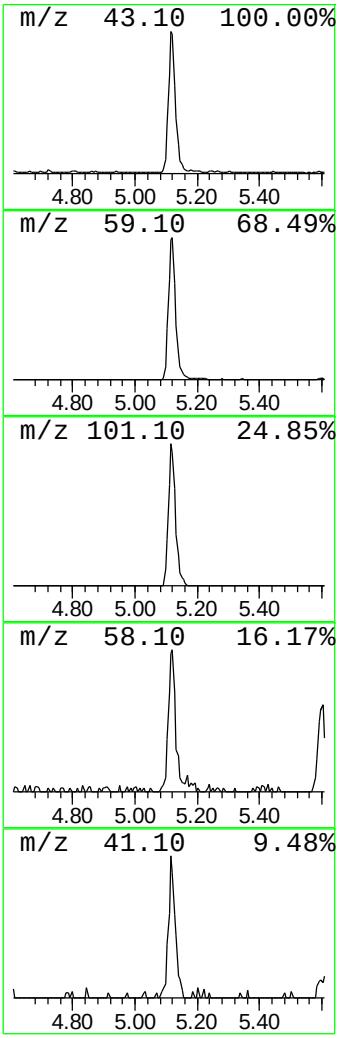
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	12.64 ng	167501	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Octanol	130	C8H18O	000589-98-0	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Heptadecanol	256	C17H36O	084534-30-5	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

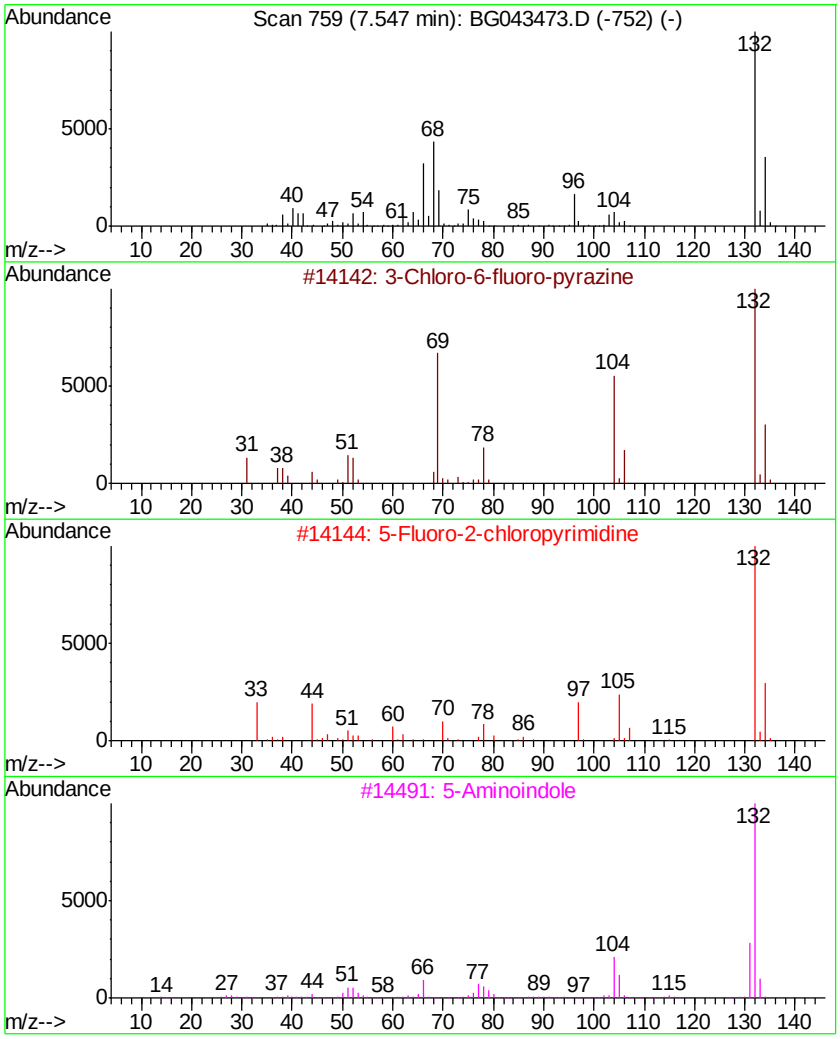
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

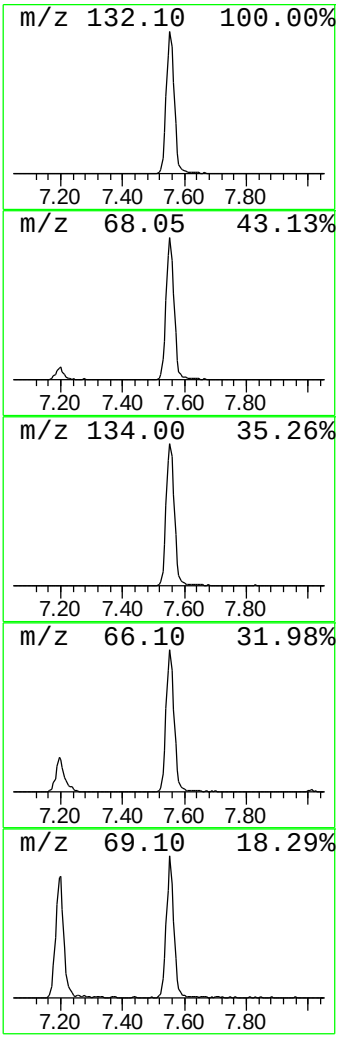
****

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	79.83 ng	1058040	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

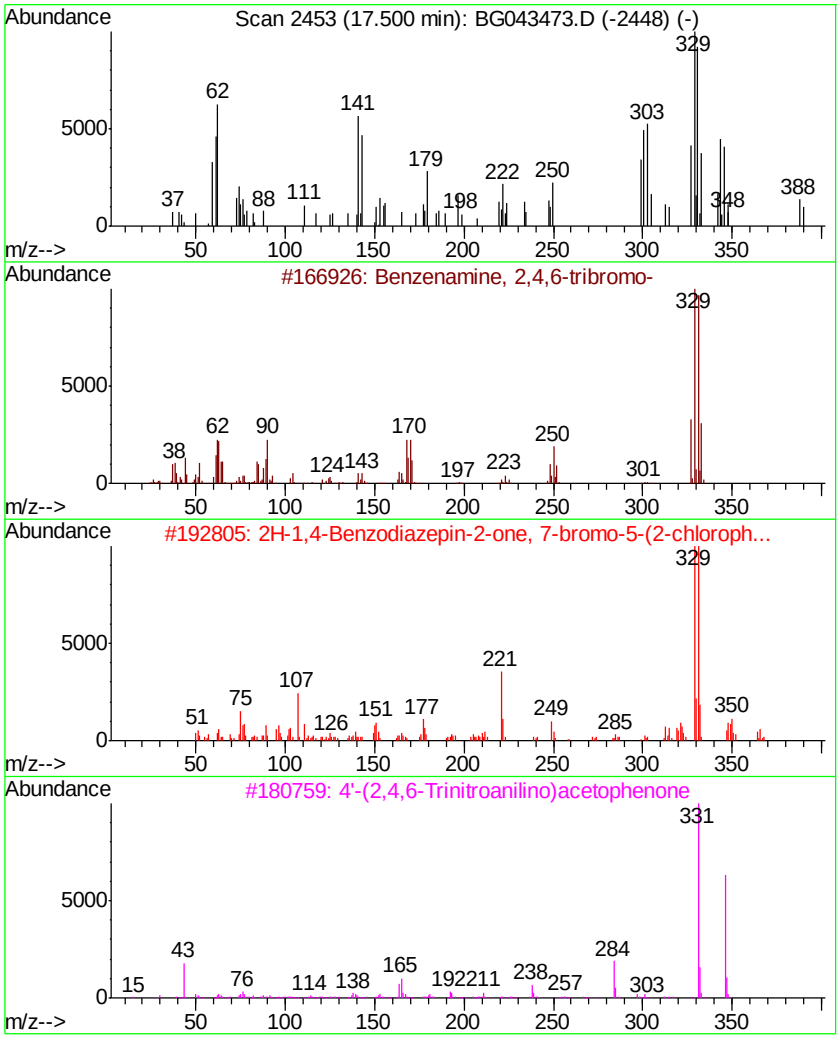
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

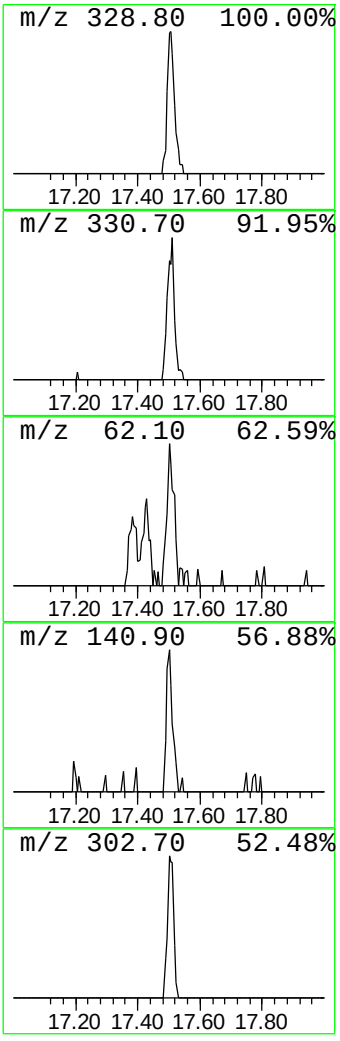
****

Peak Number 5 unknown17.50 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.68 ng	91475	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	46
2	2H-1,4-Benzodiazepin-2-one, 7-br...	364	C15H10BrClN2O2	070030-09-0	10
3	4'-(2,4,6-Trinitroanilino)acetop...	346	C14H10N4O7	080792-88-7	10
4	1-[4-Chloro-6-methyl-2-pyrimidyl...	329	C12H10Cl3N5	051387-79-2	10
5	5,7-Dihydroxy-3,6,8-trimethoxyfl...	344	C18H16O7	071479-92-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

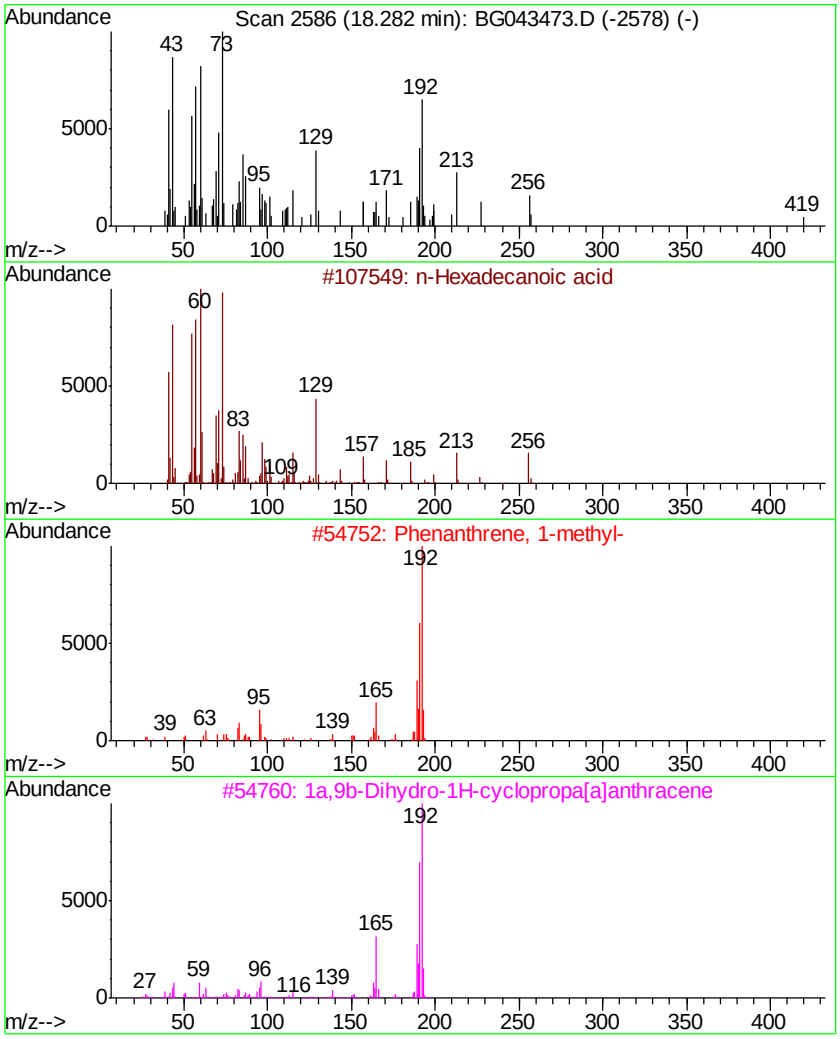
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

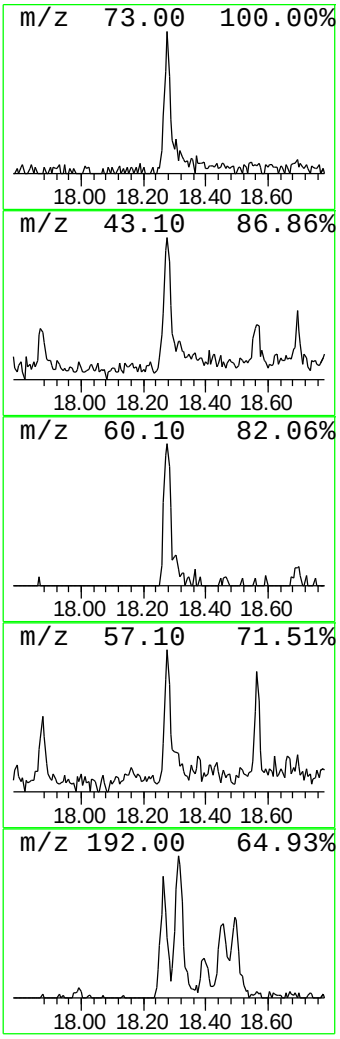
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.94 ng	100152	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	30
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	30
5	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

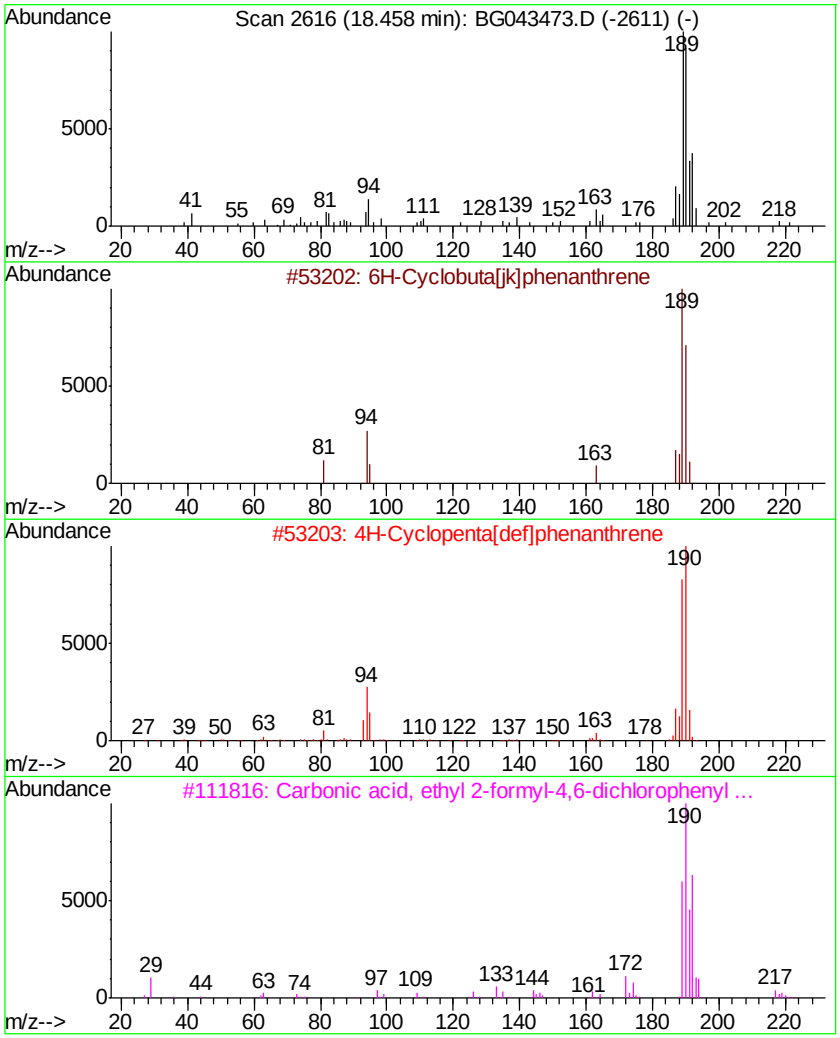
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

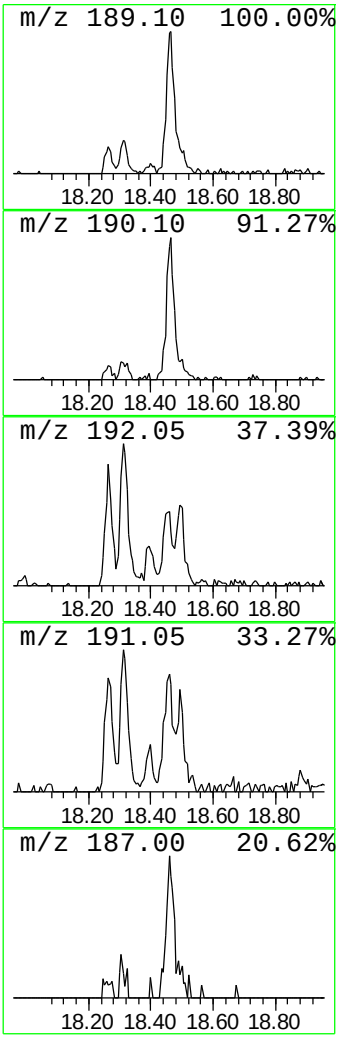
****

Peak Number 7 6H-Cyclobuta[jk]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.13 ng	72680	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

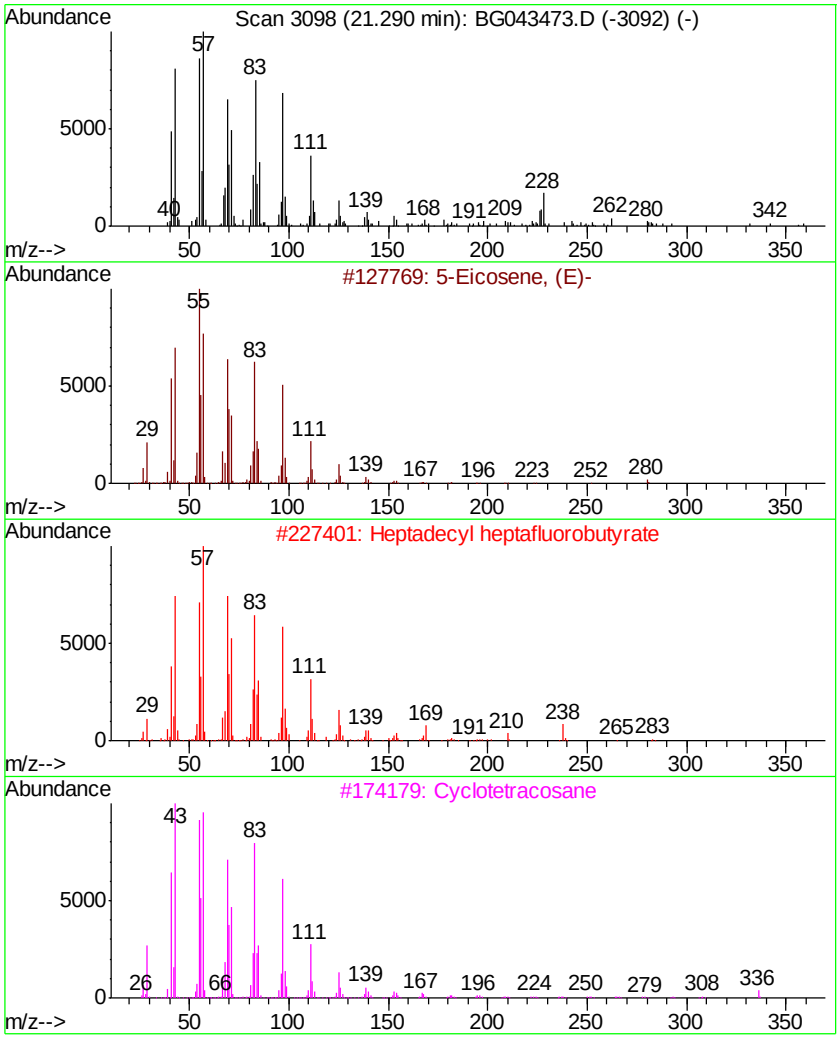
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

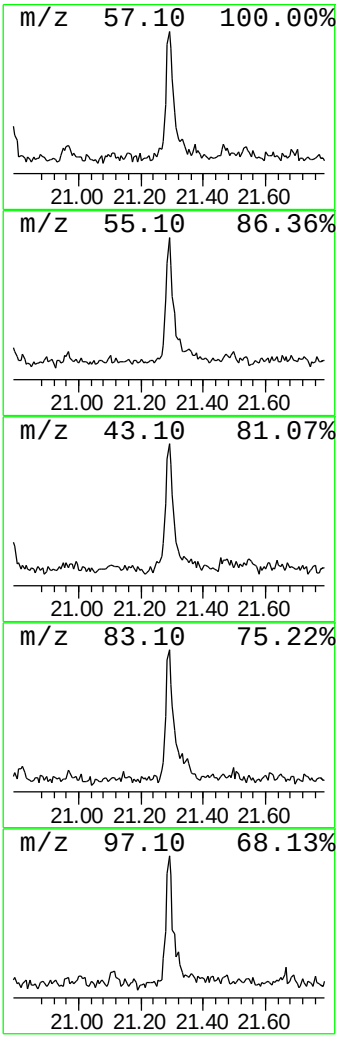
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	4.15 ng	241851	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

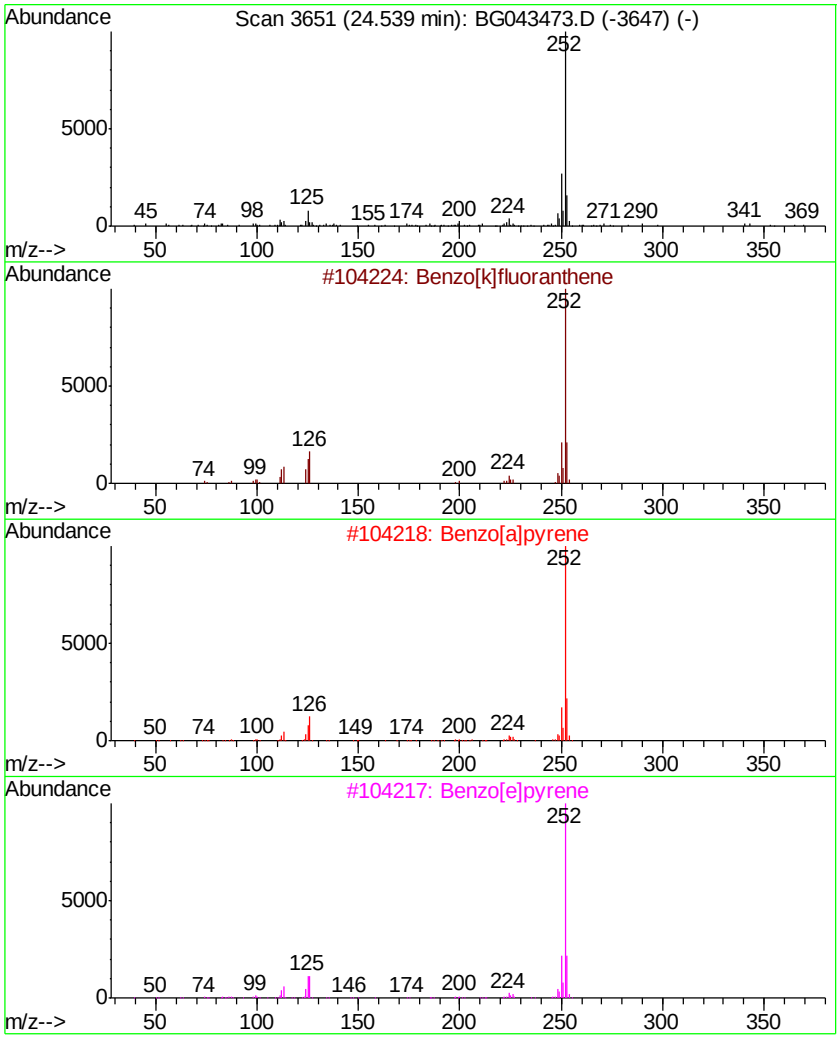
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

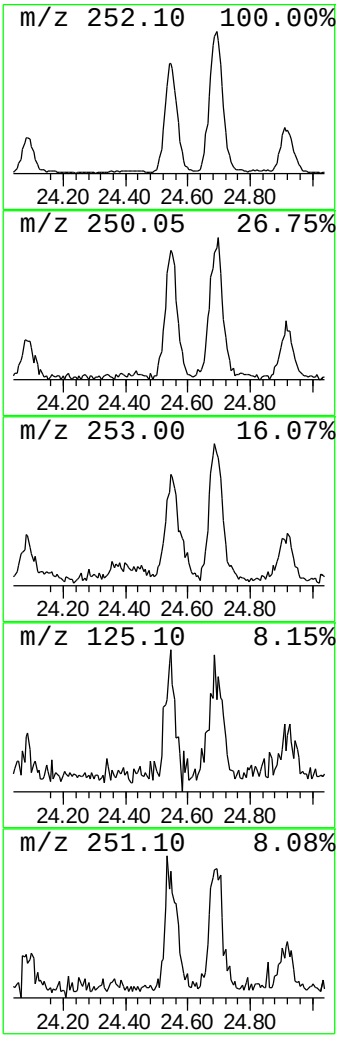
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	4.59 ng	214686	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-26A-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	12.3	ng	163008	1	8.01	265080	20.0
2-Pentanone, 4-hy...	5.11	12.6	ng	167501	1	8.01	265080	20.0
unknown7.55	7.55	79.8	ng	1058040	1	8.01	265080	20.0
unknown17.50	17.50	2.7	ng	91475	4	17.39	681479	20.0
n-Hexadecanoic acid	18.28	2.9	ng	100152	4	17.39	681479	20.0
6H-Cyclobuta[jk]p...	18.46	2.1	ng	72680	4	17.39	681479	20.0
5-Eicosene, (E)-	21.29	4.2	ng	241851	5	21.65	1166260	20.0
Benzo[e]pyrene	24.54	4.6	ng	214686	6	24.84	934455	20.0