LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11978

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061222.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	21	27	42	rVB	258066	404066	22.79%	3.321%
2	4.144	191	197	202	rBV	13884	20683	1.17%	0.170%
3	5.049	346	351	360	rVB	14847	22469	1.27%	0.185%
4	5.525	423	432	440	rBV	356257	547507	30.89%	4.500%
5	7.112	694	702	713	rBV	354180	616623	34.79%	5.069%
6	7.928	834	841	847	rBV	102208	162837	9.19%	1.339%
7	9.080	1029	1037	1050	rBV	216312	396340	22.36%	3.258%
8	10.719	1308	1316	1325	rBV	126713	227438	12.83%	1.870%
9	13.175	1727	1734	1743	rBV	601736	913535	51.53%	7.509%
10	14.556	1963	1969	1976	rBV	235407	354642	20.01%	2.915%
11	16.048	2216	2223	2237	rBV	583748	896216	50.56%	7.367%
12	17.305	2429	2437	2441	rBV	306872	466607	26.32%	3.835%
13	17.347	2441	2444	2453	rVV	44182	63919	3.61%	0.525%
14	17.952	2541	2547	2554	rBV	1294831	1772662	100.00%	14.571%
15	18.199	2582	2589	2593	rBV5	11916	28017	1.58%	0.230%
16	18.375	2613	2619	2623	rBV3	13866	22327	1.26%	0.184%
17	19.097	2736	2742	2747	rBV	979632	1151611	64.97%	9.466%
18	19.356	2780	2786	2793	rBV	132045	190688	10.76%	1.567%
19	19.720	2836	2848	2856	rBV	110663	201494	11.37%	1.656%
20	19.920	2873	2882	2888	rBV	1193336	1590662	89.73%	13.075%
21	20.043	2898	2903	2910	rVB5	9347	22795	1.29%	0.187%
22	20.220	2928	2933	2939	rVB2	26351	47051	2.65%	0.387%
23	20.314	2945	2949	2953	rBV	19512	27757	1.57%	0.228%
24	20.372	2953	2959	2962	rVV5	9563	18532	1.05%	0.152%
25	21.154	3085	3092	3095	rBV4	16641	32951	1.86%	0.271%
26	21.195	3095	3099	3100	rVV4	12725	18657	1.05%	0.153%
27	21.224	3100	3104	3113	rVV4	41532	109291	6.17%	0.898%
28	21.301	3113	3117	3123	rVB4	15744	33077	1.87%	0.272%
29	21.559	3154	3161	3167	rBV3	342845	677498	38.22%	5.569%
30	21.606	3167	3169	3178	rVB	67142	97255	5.49%	0.799%
31	21.753	3190	3194	3200	rBV2	18948	34566	1.95%	0.284%
32	21.959	3225	3229	3237	rBV8	12818	22185	1.25%	0.182%
33	23.704	3518	3526	3532	rBV2	45019	143120	8.07%	1.176%
34	24.391	3638	3643	3652	rVB	28234	69340	3.91%	0.570%
35	24.532	3659	3667	3675	rBV3	35680	106146	5.99%	0.873%
36	24.685	3683	3693	3705	rBV	208119	621061	35.04%	5.105%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	28.216	4287	4294	4299	rBV6	13534	33891	1.91%	0.279%

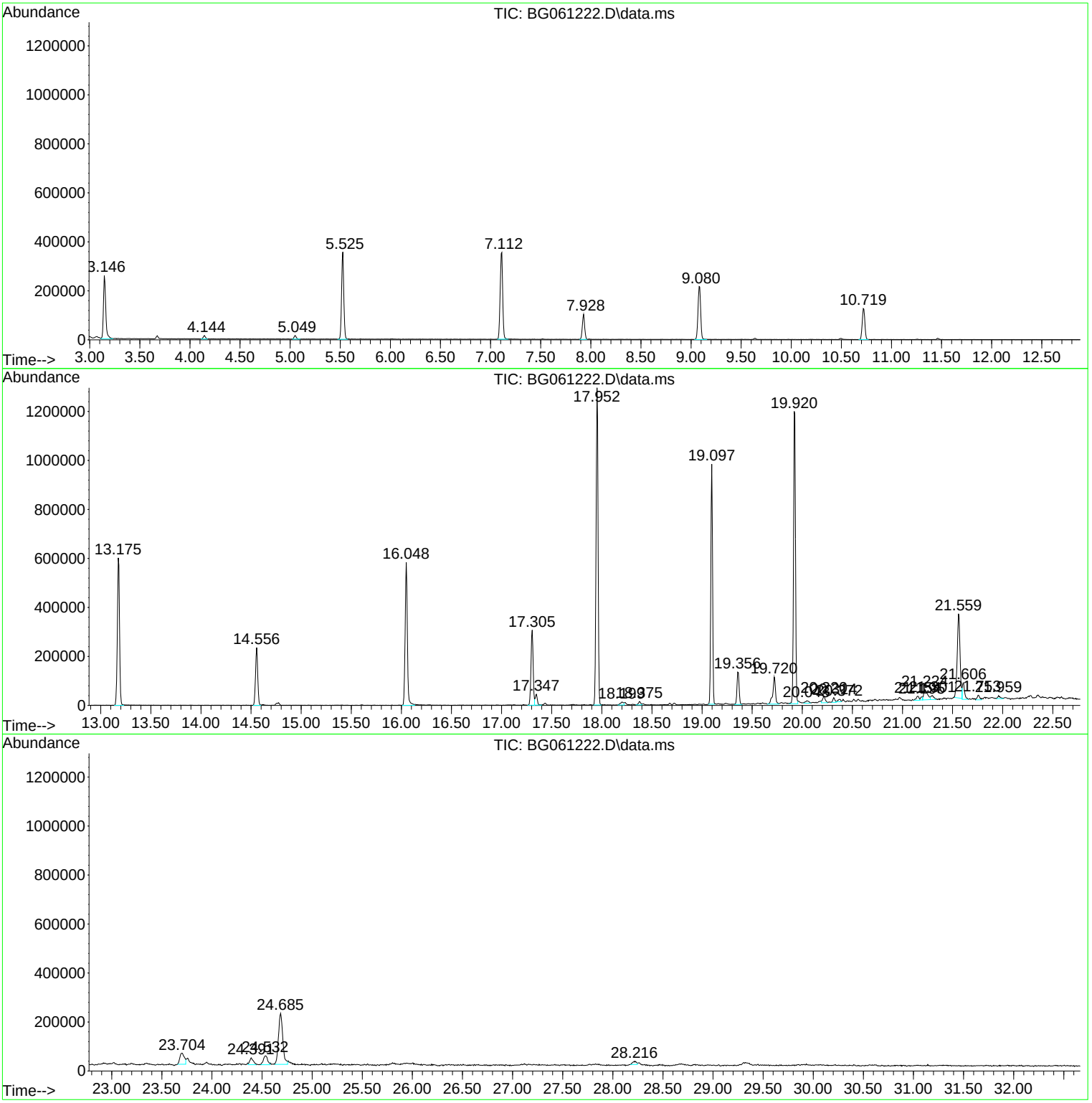
Sum of corrected areas: 12165516

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

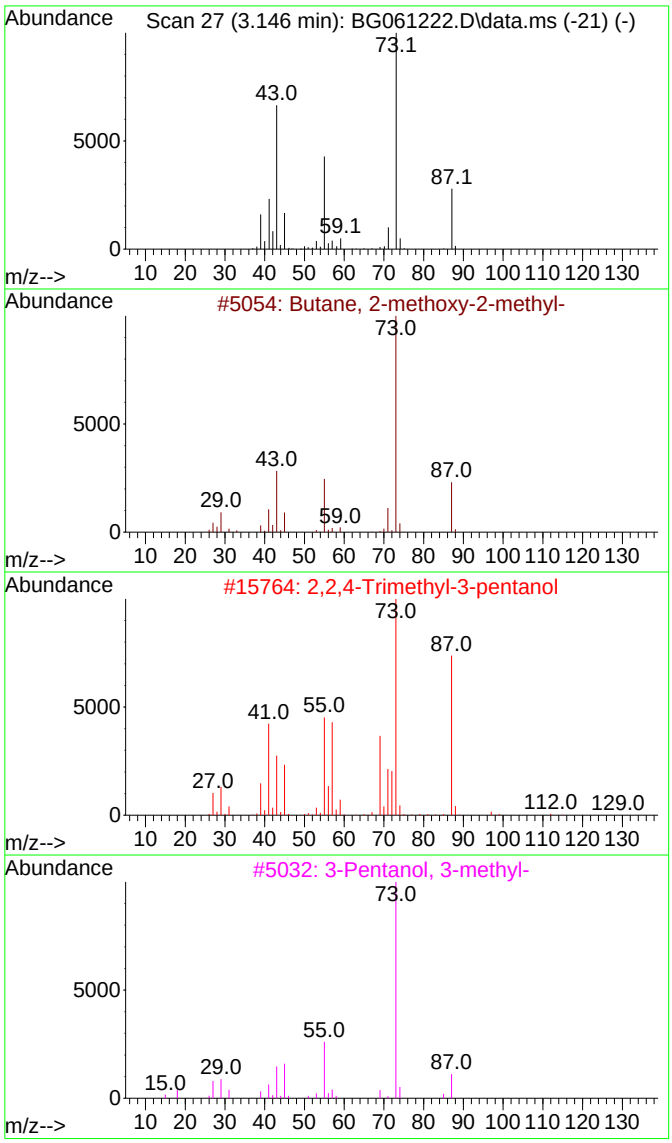
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

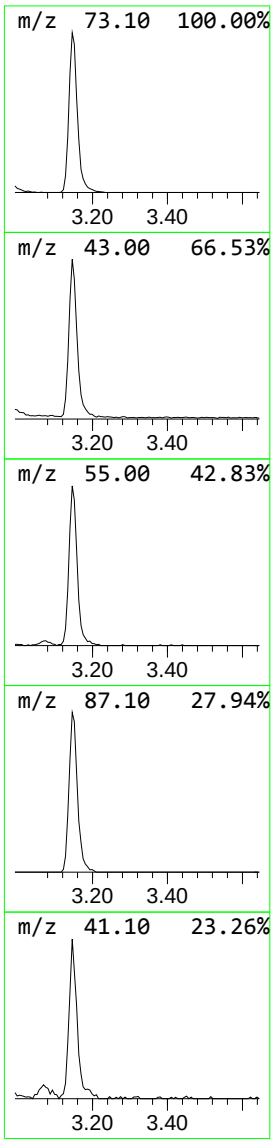
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.146	49.63 ng	404066	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

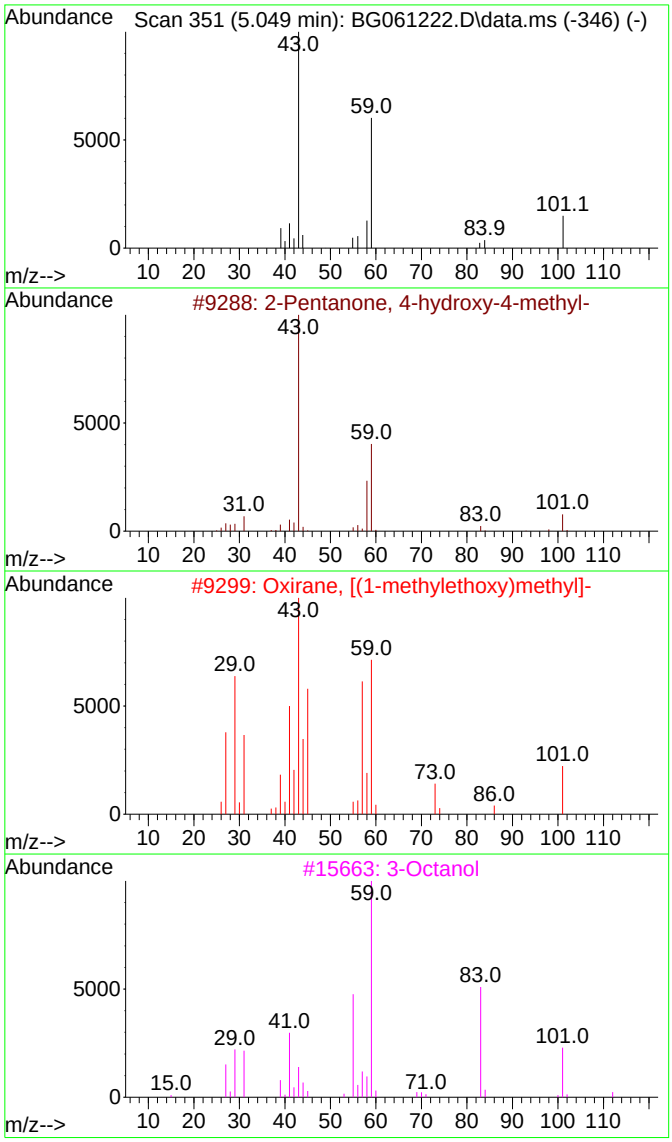
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

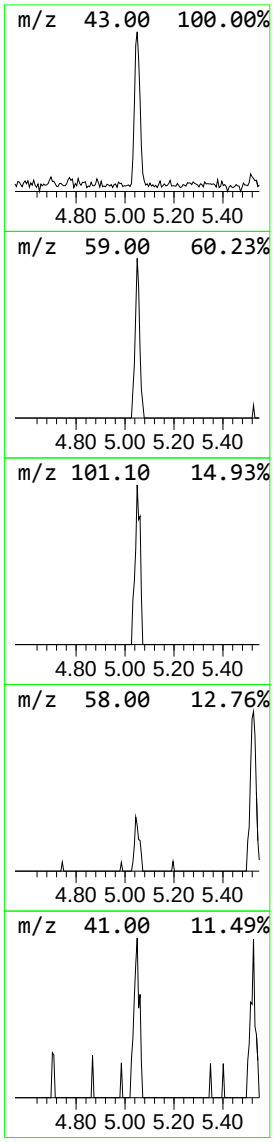
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.049	2.76 ng	22469	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	39
3	3-Octanol	130	C8H18O	000589-98-0	36
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

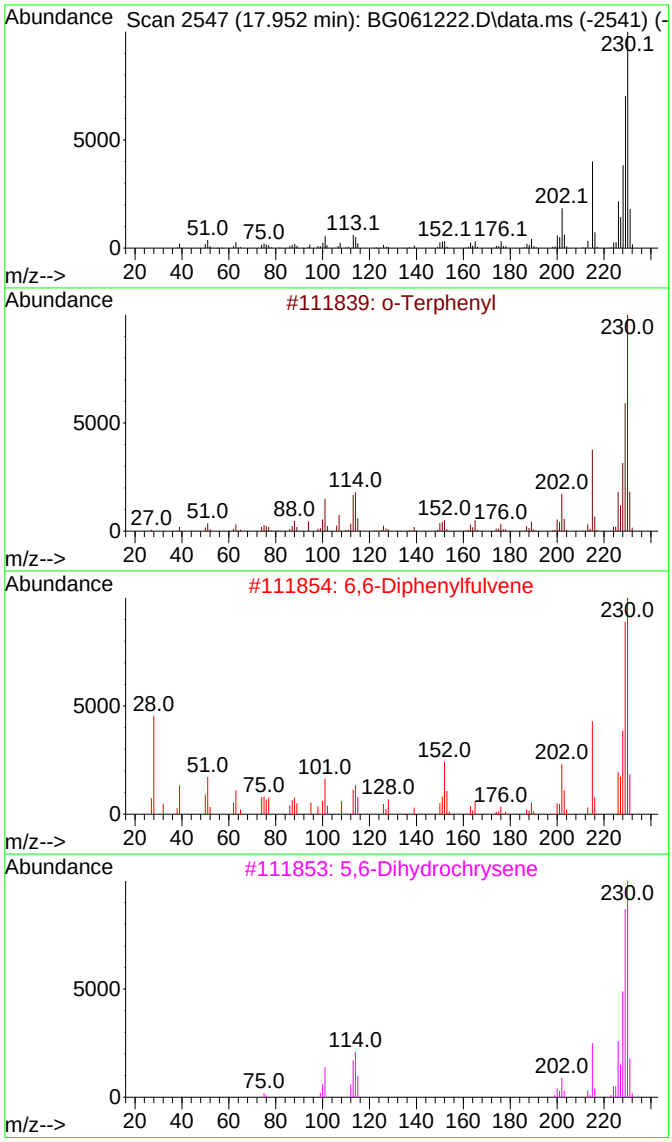
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

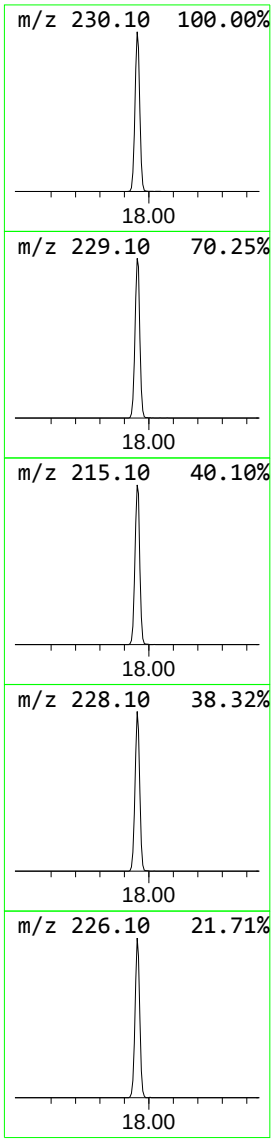
****

Peak Number 4 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.952	75.98 ng	1772660	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	95
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	89
3	5,6-Dihydrochrysene	230	C18H14	002091-92-1	64
4	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

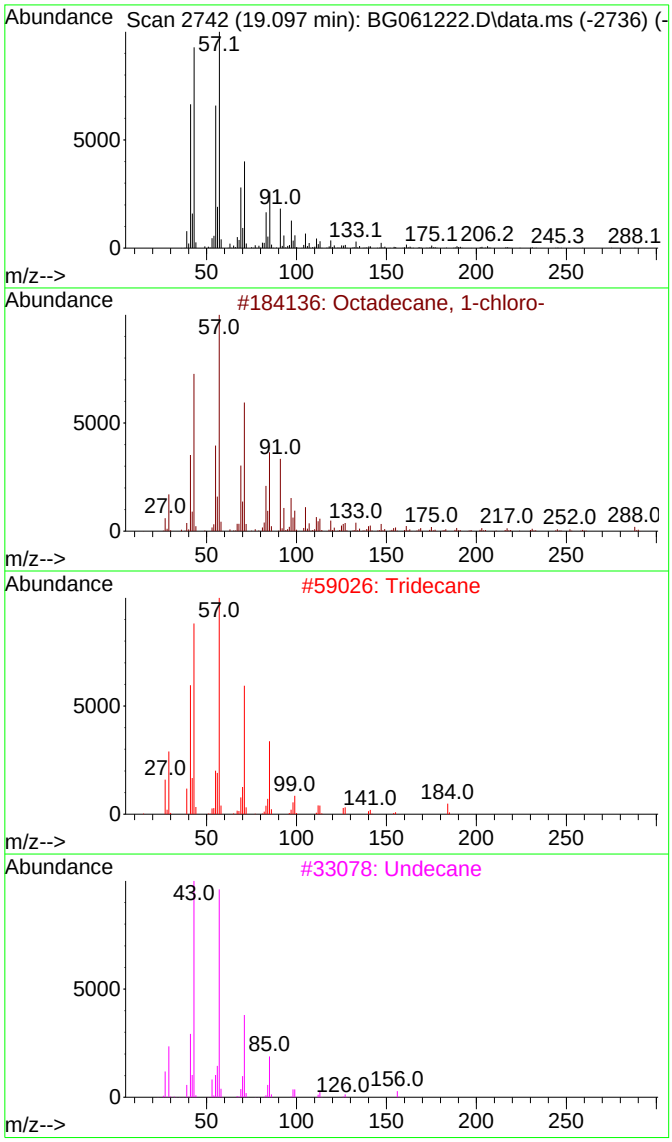
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

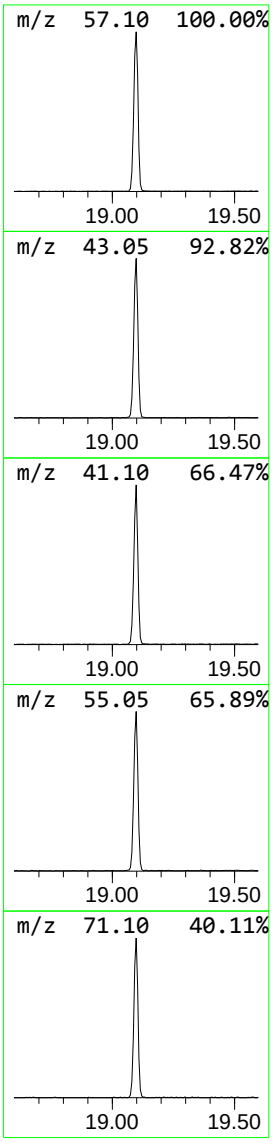
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	49.36 ng	1151610	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
2	Tridecane	184	C13H28	000629-50-5	64
3	Undecane	156	C11H24	001120-21-4	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

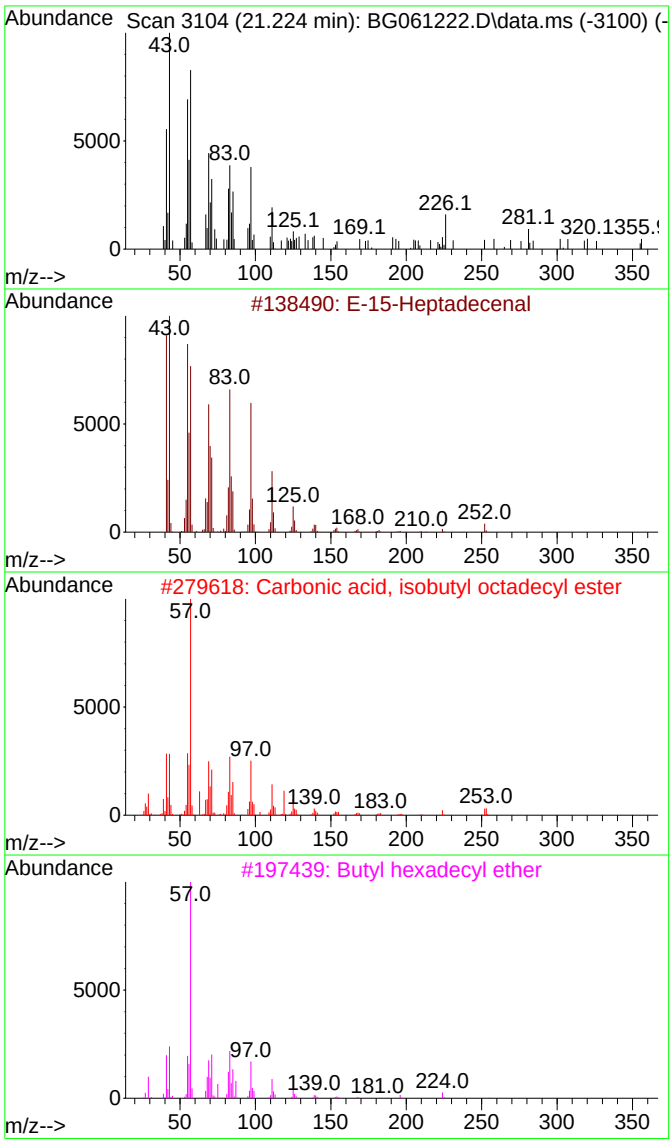
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

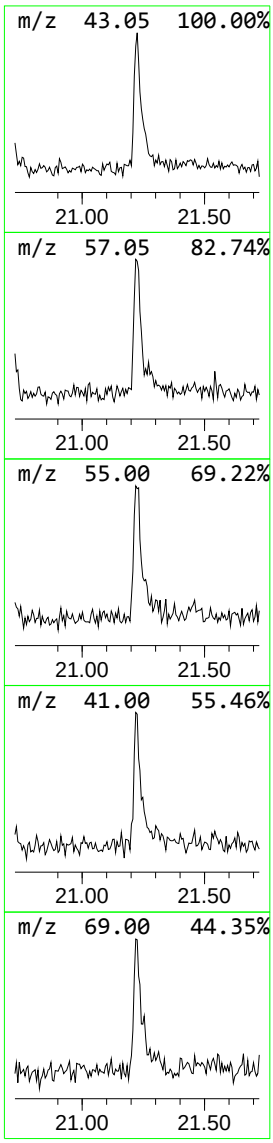
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	3.23 ng	109291	Chrysene-d12	21.559

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	72
3	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	72
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	64
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64





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Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

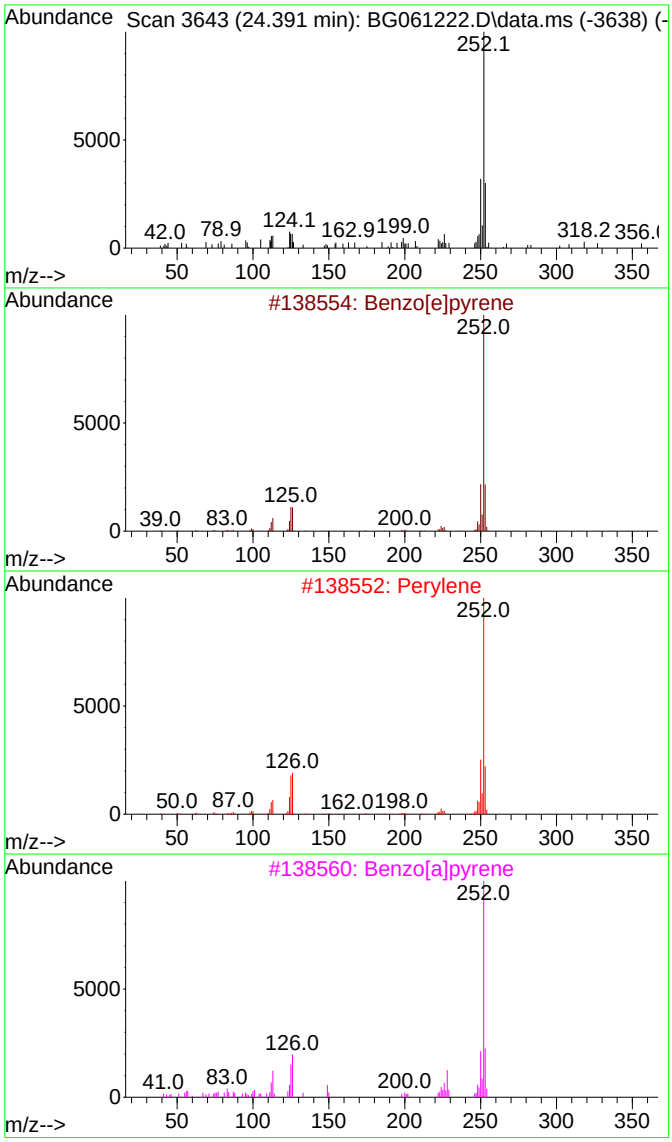
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

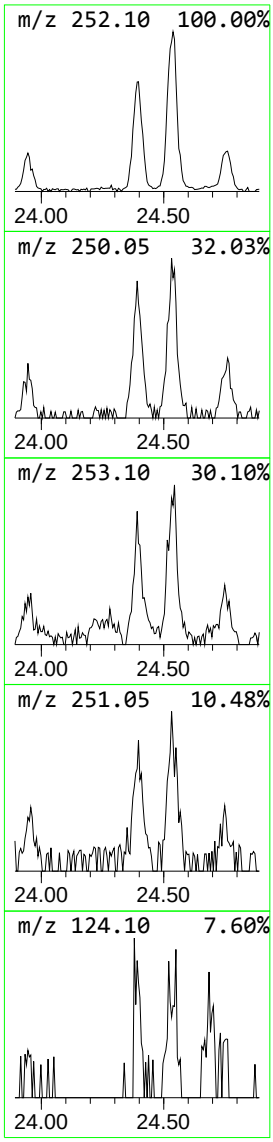
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.391	2.23 ng	69340	Perylene-d12	24.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Perylene	252	C20H12	000198-55-0	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061222.D
Acq On : 16 May 2024 15:58
Operator : MA/JU
Sample : P2490-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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...	3.146	49.6	ng	404066	1	7.928	162837	20.0
2-Pentanone, 4-...	5.049	2.8	ng	22469	1	7.928	162837	20.0
o-Terphenyl	17.952	76.0	ng	1772660	4	17.305	466607	20.0
Octadecane, 1-c...	19.098	49.4	ng	1151610	4	17.305	466607	20.0
E-15-Heptadecenal	21.224	3.2	ng	109291	5	21.559	677498	20.0
Benzo[e]pyrene	24.391	2.2	ng	69340	6	24.685	621061	20.0