LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-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_G\Methods\8270-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.165	25	30	39	rVB	102992	167238	3.68%	0.619%
2	5.063	346	353	361	rVB	52219	78871	1.73%	0.292%
3	5.527	425	432	442	rBV	968359	1506140	33.13%	5.577%
4	7.107	693	701	714	rBV	1007989	1677623	36.90%	6.212%
5	7.942	836	843	849	rBV	204665	336663	7.40%	1.247%
6	9.093	1031	1039	1049	rVB	635932	1095562	24.10%	4.057%
7	10.509	1274	1280	1290	rBV	42178	76185	1.68%	0.282%
8	10.738	1311	1319	1325	rBV	247777	451950	9.94%	1.674%
9	13.194	1730	1737	1749	rBV	1666387	2522614	55.48%	9.341%
10	14.569	1960	1971	1977	rBV	467619	734261	16.15%	2.719%
11	14.634	1977	1982	1987	rVB	57017	86399	1.90%	0.320%
12	14.792	2001	2009	2015	rBV5	29903	68648	1.51%	0.254%
13	15.615	2143	2149	2154	rBV2	41839	63670	1.40%	0.236%
14	16.056	2216	2224	2234	rBV	1603296	2400382	52.80%	8.888%
15	17.072	2388	2397	2402	rBV5	24038	45618	1.00%	0.169%
16	17.313	2431	2438	2442	rBV	658277	1016864	22.37%	3.765%
17	17.354	2442	2445	2452	rVV	458086	643529	14.15%	2.383%
18	17.442	2456	2460	2465	rVB	81538	121519	2.67%	0.450%
19	17.712	2496	2506	2511	rBV2	60827	108521	2.39%	0.402%
20	18.218	2580	2592	2602	rBV2	214222	444766	9.78%	1.647%
21	18.388	2615	2621	2625	rBV2	74686	129780	2.85%	0.481%
22	18.723	2675	2678	2684	rVB2	42398	56548	1.24%	0.209%
23	19.369	2782	2788	2796	rBV	779984	1075040	23.65%	3.981%
24	19.493	2806	2809	2815	rVB2	49519	61347	1.35%	0.227%
25	19.728	2839	2849	2857	rBV	624645	1082486	23.81%	4.008%
26	19.939	2875	2885	2895	rBV	3343693	4546563	100.00%	16.836%
27	20.051	2898	2904	2905	rBV2	34410	52711	1.16%	0.195%
28	20.221	2929	2933	2938	rVB	97707	146563	3.22%	0.543%
29	20.327	2945	2951	2954	rBV	86560	119854	2.64%	0.444%
30	20.380	2954	2960	2964	rVV3	51879	97508	2.14%	0.361%
31	20.973	3058	3061	3069	rVB	39962	63986	1.41%	0.237%
32	21.161	3086	3093	3097	rBV3	54329	114745	2.52%	0.425%
33	21.202	3097	3100	3103	rVV2	46696	66406	1.46%	0.246%
34	21.249	3103	3108	3114	rVV4	174947	337647	7.43%	1.250%
35	21.302	3114	3117	3122	rVB2	50659	79324	1.74%	0.294%
36	21.573	3154	3163	3167	rVV3	802032	1757468	38.65%	6.508%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-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_G\Methods\8270-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.614	3167	3170	3180	rVB	292718	488425	10.74%	1.809%
38	21.761	3191	3195	3200	rBV2	48892	82813	1.82%	0.307%
39	21.896	3214	3218	3224	rVB	28497	58174	1.28%	0.215%
40	21.966	3225	3230	3237	rVB2	41338	78603	1.73%	0.291%
41	22.284	3282	3284	3290	rVB	34893	48636	1.07%	0.180%
42	22.554	3325	3330	3332	rBV6	33585	52626	1.16%	0.195%
43	23.705	3517	3526	3533	rBV2	176080	593017	13.04%	2.196%
44	23.870	3549	3554	3560	rVB4	34481	73543	1.62%	0.272%
45	23.952	3563	3568	3574	rBV2	25751	53644	1.18%	0.199%
46	24.399	3637	3644	3659	rVB	99381	305286	6.71%	1.130%
47	24.540	3659	3668	3680	rBV	140882	396604	8.72%	1.469%
48	24.693	3684	3694	3703	rBV	454880	1253059	27.56%	4.640%
49	29.311	4471	4480	4481	rBV3	37452	86353	1.90%	0.320%

Sum of corrected areas: 27005782

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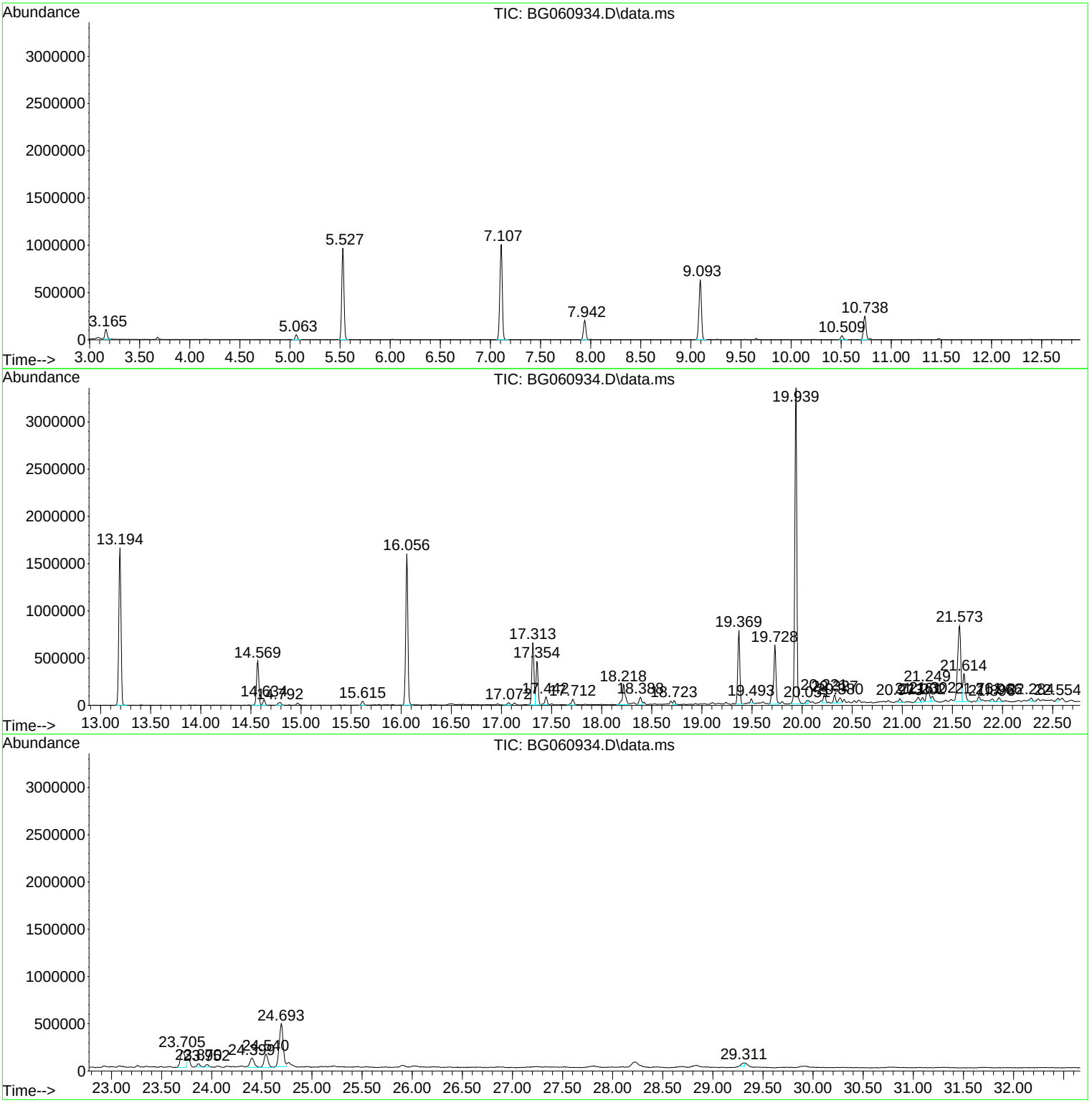
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

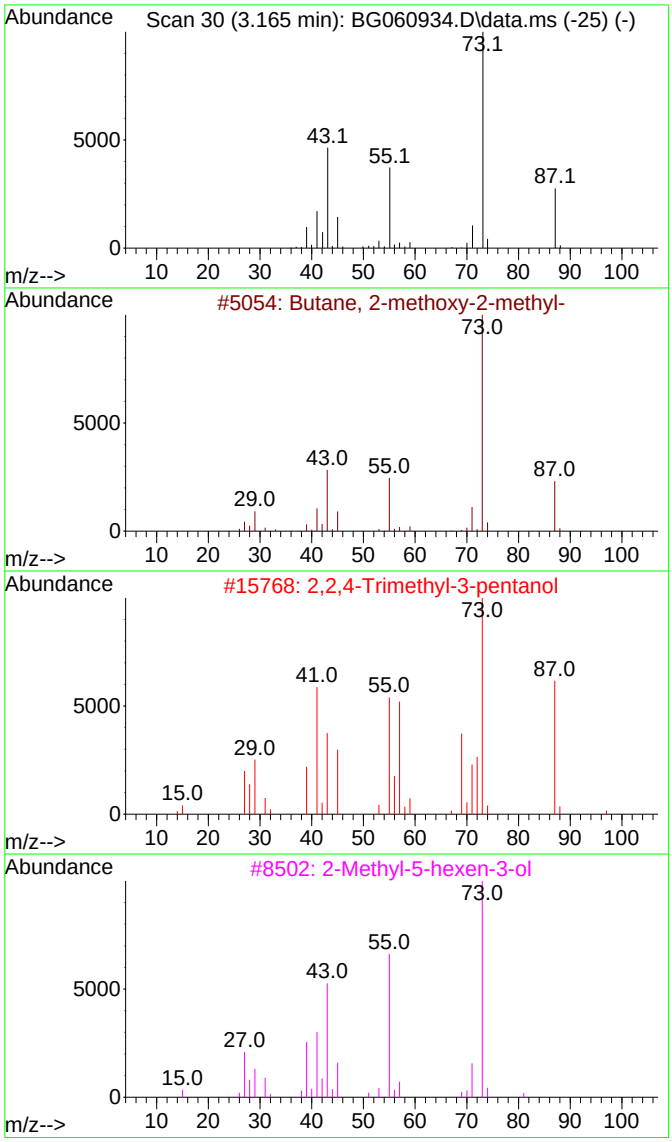
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

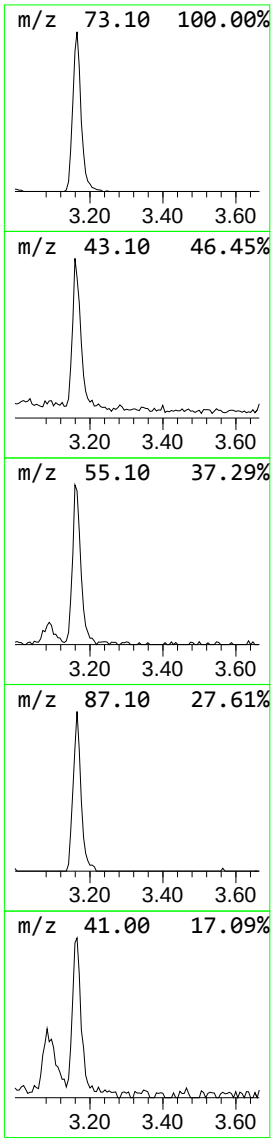
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.165	9.94 ng	167238	1,4-Dichlorobenzene-d4	7.942

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

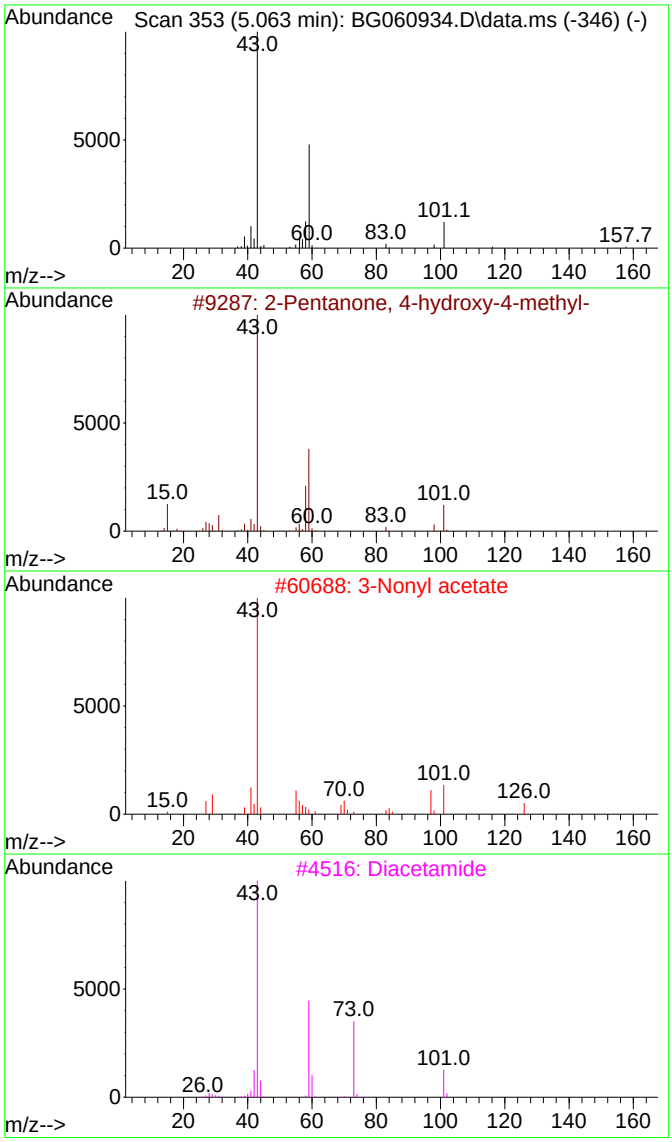
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

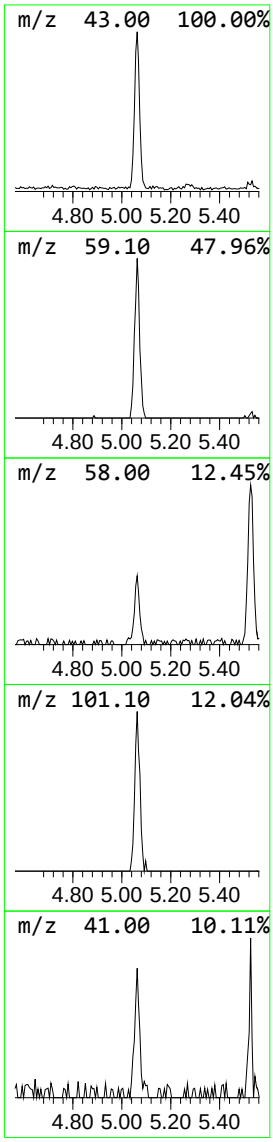
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	4.69 ng	78871	1,4-Dichlorobenzene-d4	7.942

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Nonyl acetate	186	C11H22O2	1010429-16-2	17
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Butane	58	C4H10	000106-97-8	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

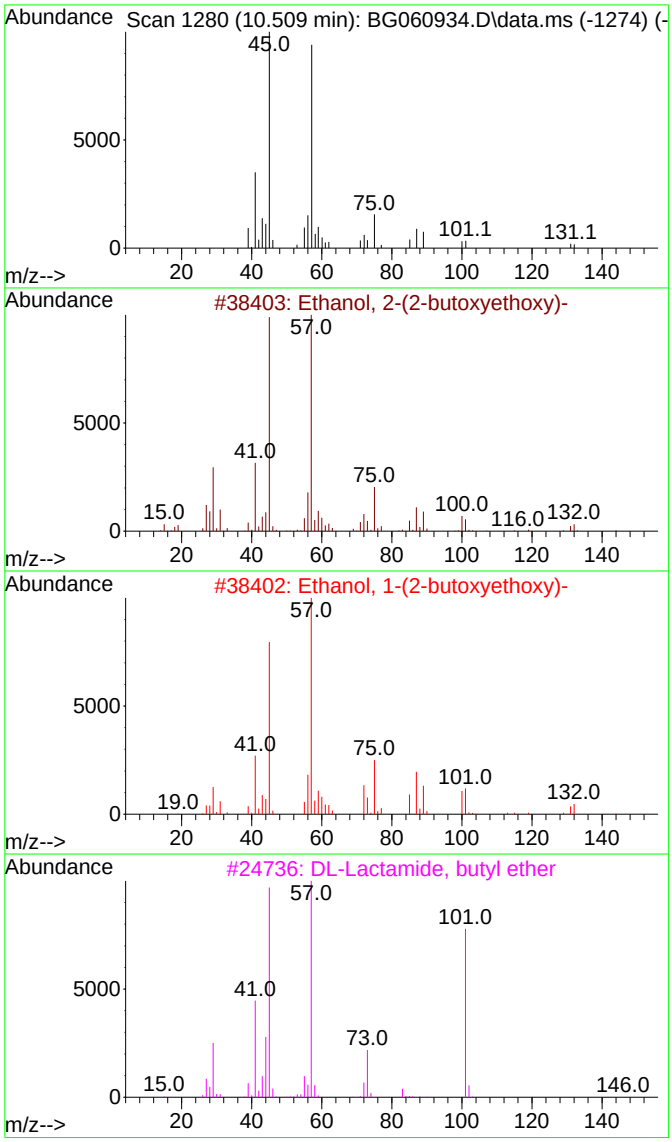
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

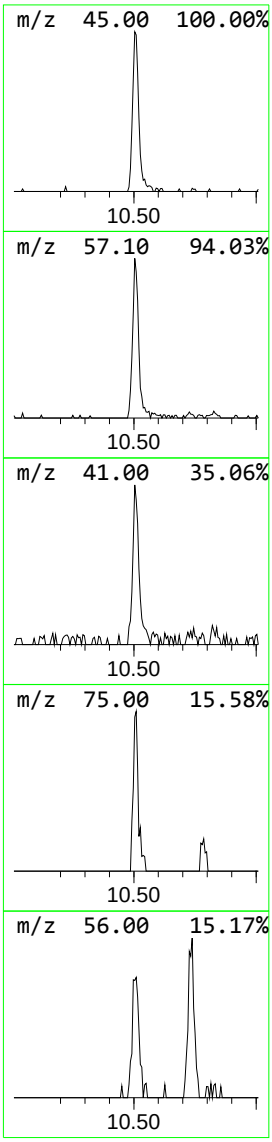
****

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.509	3.37 ng	76185	Naphthalene-d8	10.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	53
4	2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	53
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

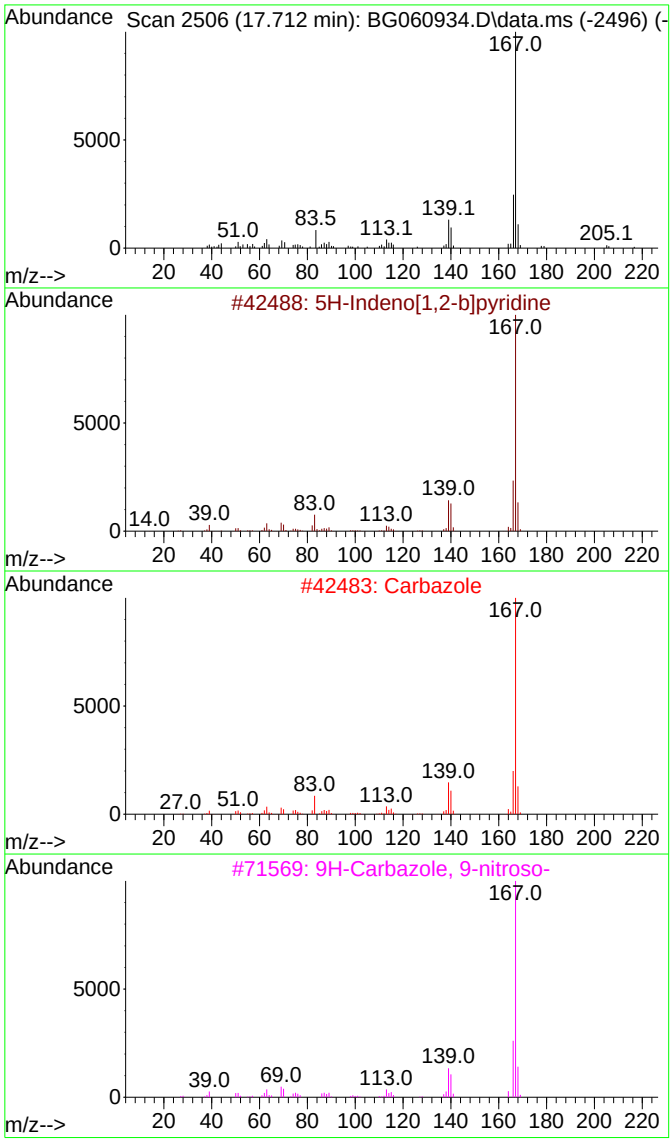
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

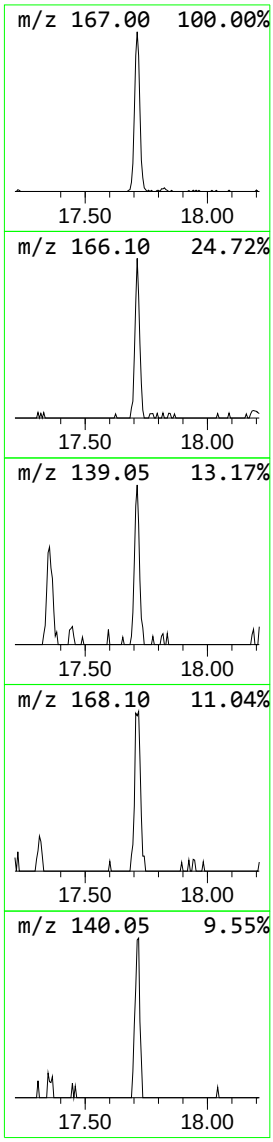
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.712	2.13 ng	108521	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	93
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	91
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

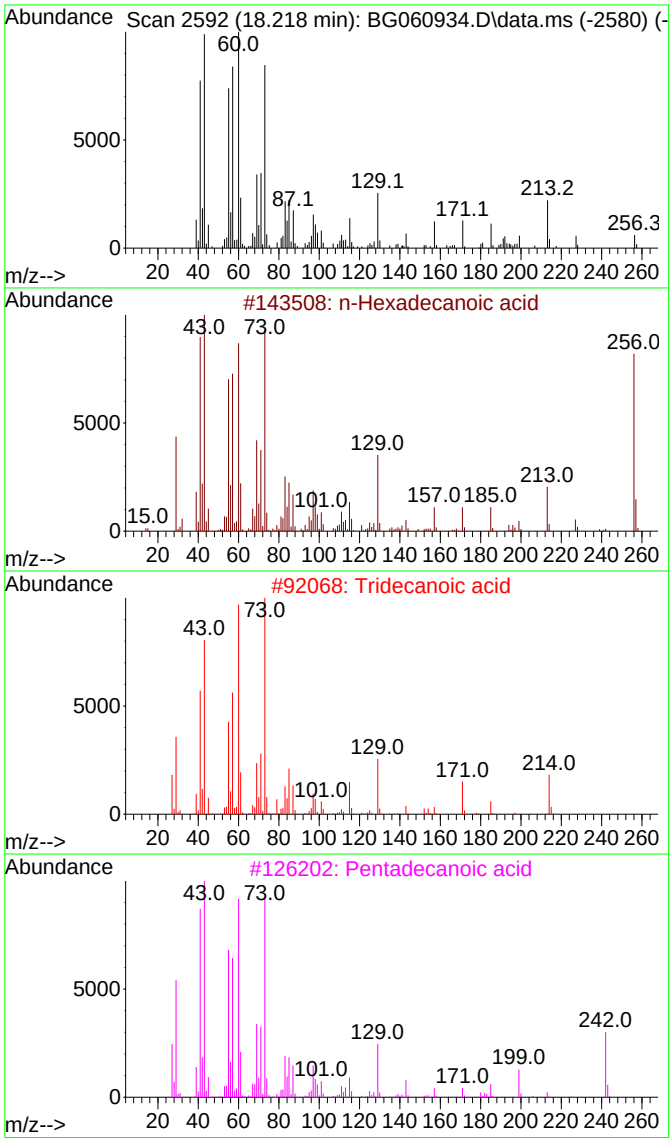
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

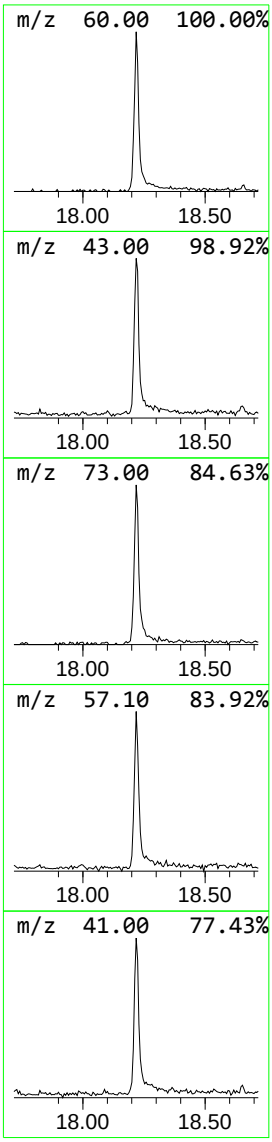
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	8.75 ng	444766	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

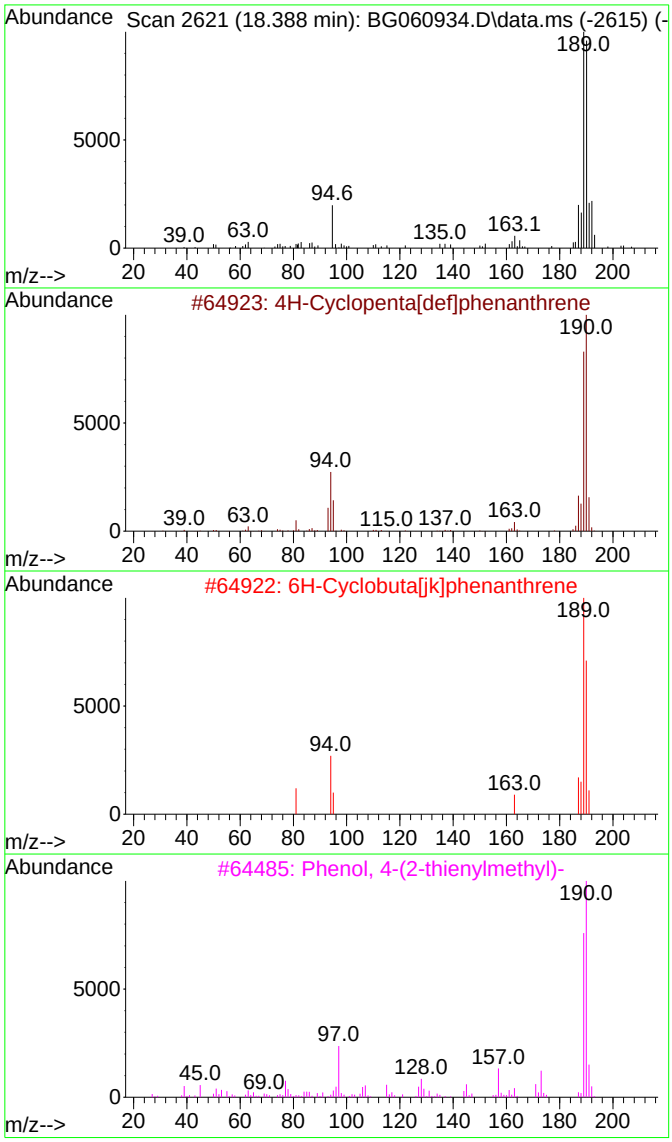
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

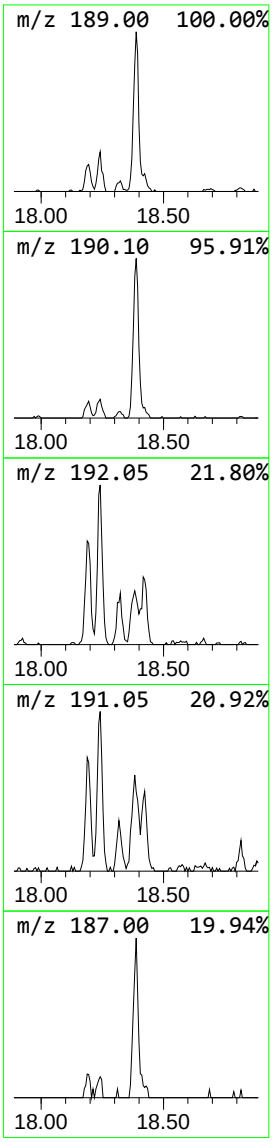
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.388	2.55 ng	129780	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

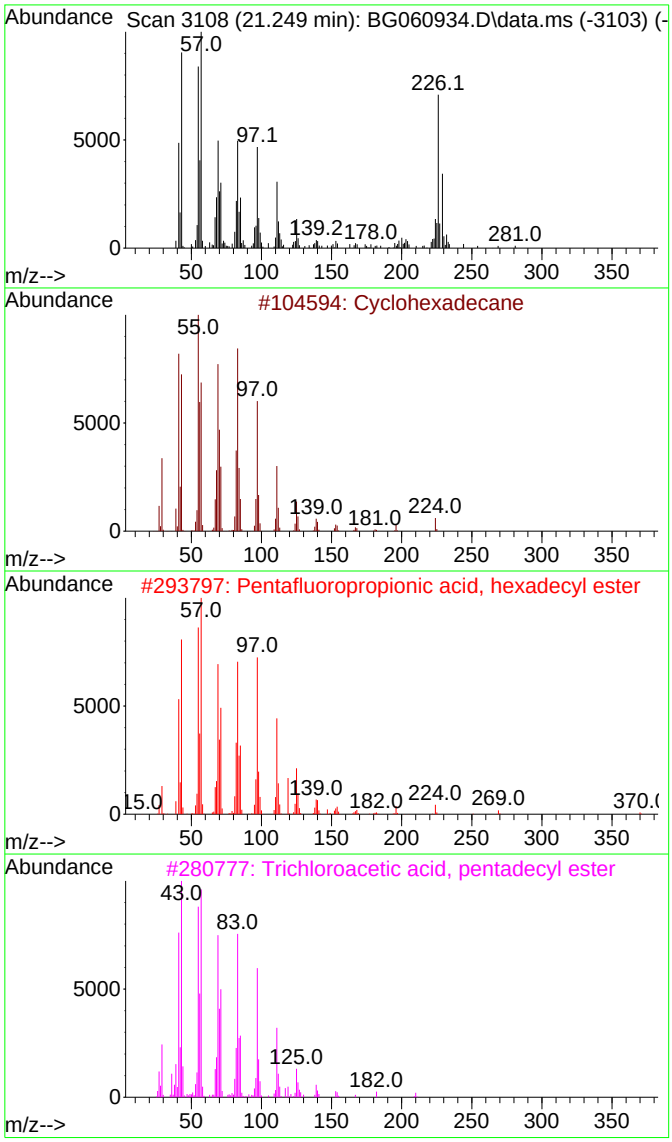
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

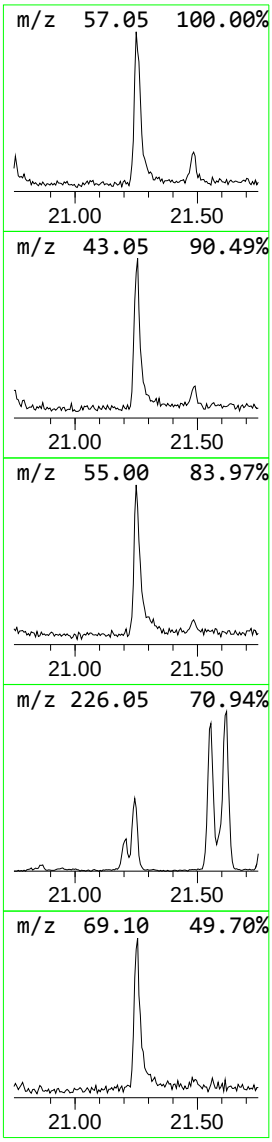
****

Peak Number 7 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	3.84 ng	337647	Chrysene-d12	21.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	70
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
4	1-Docosene	308	C22H44	001599-67-3	64
5	1-Dodecanol, 2-octyl-, acetate	340	C22H44O2	074051-84-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

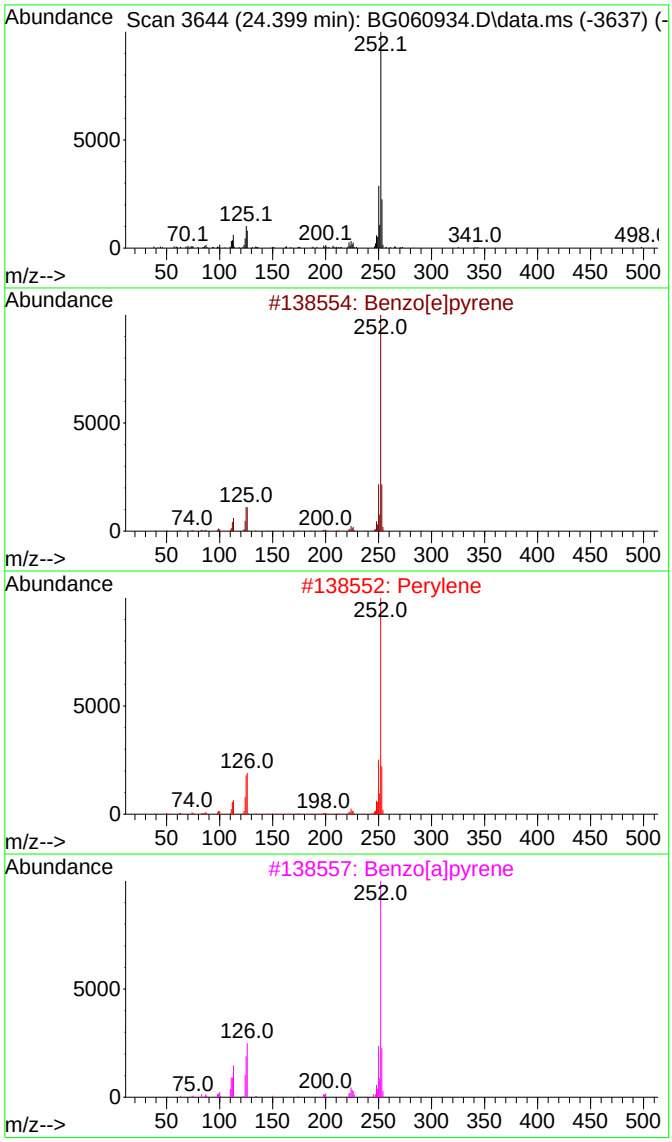
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

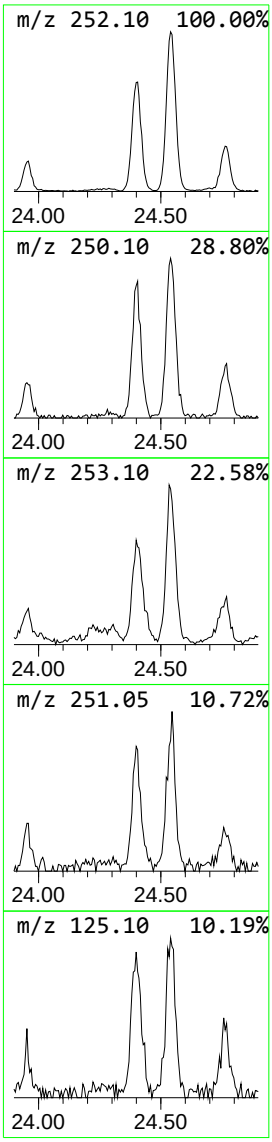
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.399	4.87 ng	305286	Perylene-d12	24.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060934.D
Acq On : 18 Apr 2024 13:17
Operator : MA/JU
Sample : P2150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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...	3.165	9.9	ng	167238	1	7.942	336663	20.0
2-Pentanone, 4-...	5.063	4.7	ng	78871	1	7.942	336663	20.0
Ethanol, 2-(2-b...	10.509	3.4	ng	76185	2	10.732	451950	20.0
5H-Indeno[1,2-b...	17.712	2.1	ng	108521	4	17.313	1016860	20.0
n-Hexadecanoic ...	18.218	8.8	ng	444766	4	17.313	1016860	20.0
4H-Cyclopenta[d...	18.388	2.5	ng	129780	4	17.313	1016860	20.0
Cyclohexadecane	21.250	3.8	ng	337647	5	21.573	1757470	20.0
Benzo[e]pyrene	24.399	4.9	ng	305286	6	24.692	1253060	20.0