LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-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-BG082219.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	3.117	3	5	19	rVB	165620	236012	9.52%	1.271%
2	5.555	411	420	432	rBV	397217	656503	26.49%	3.536%
3	7.165	685	694	709	rBV	391663	759152	30.63%	4.089%
4	7.530	748	756	772	rBV	437328	759015	30.62%	4.088%
5	8.000	827	836	845	rBV	96664	167979	6.78%	0.905%
6	8.323	884	891	901	rBV	349514	616003	24.85%	3.318%
7	9.169	1026	1035	1048	rBV	221006	431460	17.41%	2.324%
8	10.820	1308	1316	1334	rBV	107407	217550	8.78%	1.172%
9	13.276	1726	1734	1746	rBV	793863	1238563	49.97%	6.672%
10	14.104	1868	1875	1886	rBV	62085	108633	4.38%	0.585%
11	14.657	1962	1969	1977	rBV	221616	355957	14.36%	1.917%
12	16.149	2216	2223	2237	rBV	740273	1218377	49.15%	6.563%
13	17.406	2431	2437	2441	rBV2	318443	510958	20.61%	2.752%
14	17.453	2441	2445	2453	rVV	241942	369857	14.92%	1.992%
15	17.547	2453	2461	2466	rVB	51919	85182	3.44%	0.459%
16	18.293	2581	2588	2592	rBV	32948	55068	2.22%	0.297%
17	18.340	2592	2596	2604	rVV	48650	75252	3.04%	0.405%
18	18.417	2604	2609	2615	rVV	16222	26077	1.05%	0.140%
19	18.487	2615	2621	2624	rVV3	59871	106299	4.29%	0.573%
20	18.523	2624	2627	2632	rVB	22184	35023	1.41%	0.189%
21	18.787	2667	2672	2676	rBV2	29811	46180	1.86%	0.249%
22	18.828	2676	2679	2684	rVB3	18875	27851	1.12%	0.150%
23	19.204	2737	2743	2749	rBV2	22007	43452	1.75%	0.234%
24	19.339	2763	2766	2775	rVB3	17469	33072	1.33%	0.178%
25	19.463	2781	2787	2794	rBV	582441	811350	32.73%	4.370%
26	19.827	2838	2849	2857	rBV	464850	807292	32.57%	4.349%
27	19.897	2857	2861	2868	rVB2	21329	38841	1.57%	0.209%
28	20.021	2868	2882	2888	rBV	1830073	2478700	100.00%	13.352%
29	20.068	2888	2890	2897	rVB2	21576	30428	1.23%	0.164%
30	20.144	2898	2903	2904	rBV3	30920	39056	1.58%	0.210%
31	20.285	2921	2927	2928	rBV3	27544	39990	1.61%	0.215%
32	20.320	2928	2933	2937	rVB	93326	141520	5.71%	0.762%
33	20.420	2945	2950	2954	rBV	58078	84135	3.39%	0.453%
34	20.479	2954	2960	2964	rVV2	40456	69919	2.82%	0.377%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-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-BG082219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.620	2979	2984	2987	rBV	22656	34378	1.39%	0.185%
36	20.667	2987	2992	3000	rVB2	24589	49701	2.01%	0.268%
37	20.820	3015	3018	3022	rVB2	20235	26553	1.07%	0.143%
38	21.084	3059	3063	3070	rVB	30621	50715	2.05%	0.273%
39	21.266	3087	3094	3097	rBV3	43333	85762	3.46%	0.462%
40	21.325	3097	3104	3115	rVV4	133000	407888	16.46%	2.197%
41	21.413	3115	3119	3132	rVB2	39279	95481	3.85%	0.514%
42	21.684	3156	3165	3170	rBV2	523313	1203651	48.56%	6.484%
43	21.731	3170	3173	3184	rVB	218705	359595	14.51%	1.937%
44	21.883	3194	3199	3204	rBV2	65674	102894	4.15%	0.554%
45	22.095	3230	3235	3242	rBV5	26866	62321	2.51%	0.336%
46	22.424	3286	3291	3296	rVB	35004	63764	2.57%	0.343%
47	22.489	3298	3302	3308	rVV2	56766	94873	3.83%	0.511%
48	22.700	3333	3338	3341	rVV3	21499	39869	1.61%	0.215%
49	22.741	3341	3345	3352	rVB4	21765	48528	1.96%	0.261%
50	23.194	3416	3422	3431	rVB2	57844	122008	4.92%	0.657%
51	23.534	3471	3480	3487	rBV5	14802	38664	1.56%	0.208%
52	23.899	3533	3542	3550	rBV	155369	546192	22.04%	2.942%
53	24.151	3578	3585	3592	rBV2	30458	80917	3.26%	0.436%
54	24.363	3615	3621	3626	rBV8	14564	39912	1.61%	0.215%
55	24.627	3658	3666	3680	rVB3	89077	269998	10.89%	1.454%
56	24.768	3681	3690	3705	rVB	130697	397693	16.04%	2.142%
57	24.927	3707	3717	3739	rBV3	293706	1022464	41.25%	5.508%
58	26.108	3910	3918	3928	rVB5	24738	76059	3.07%	0.410%
59	28.623	4335	4346	4368	rVB2	60807	311125	12.55%	1.676%
60	29.768	4528	4541	4557	rBV3	43749	213092	8.60%	1.148%

Sum of corrected areas: 18564803

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
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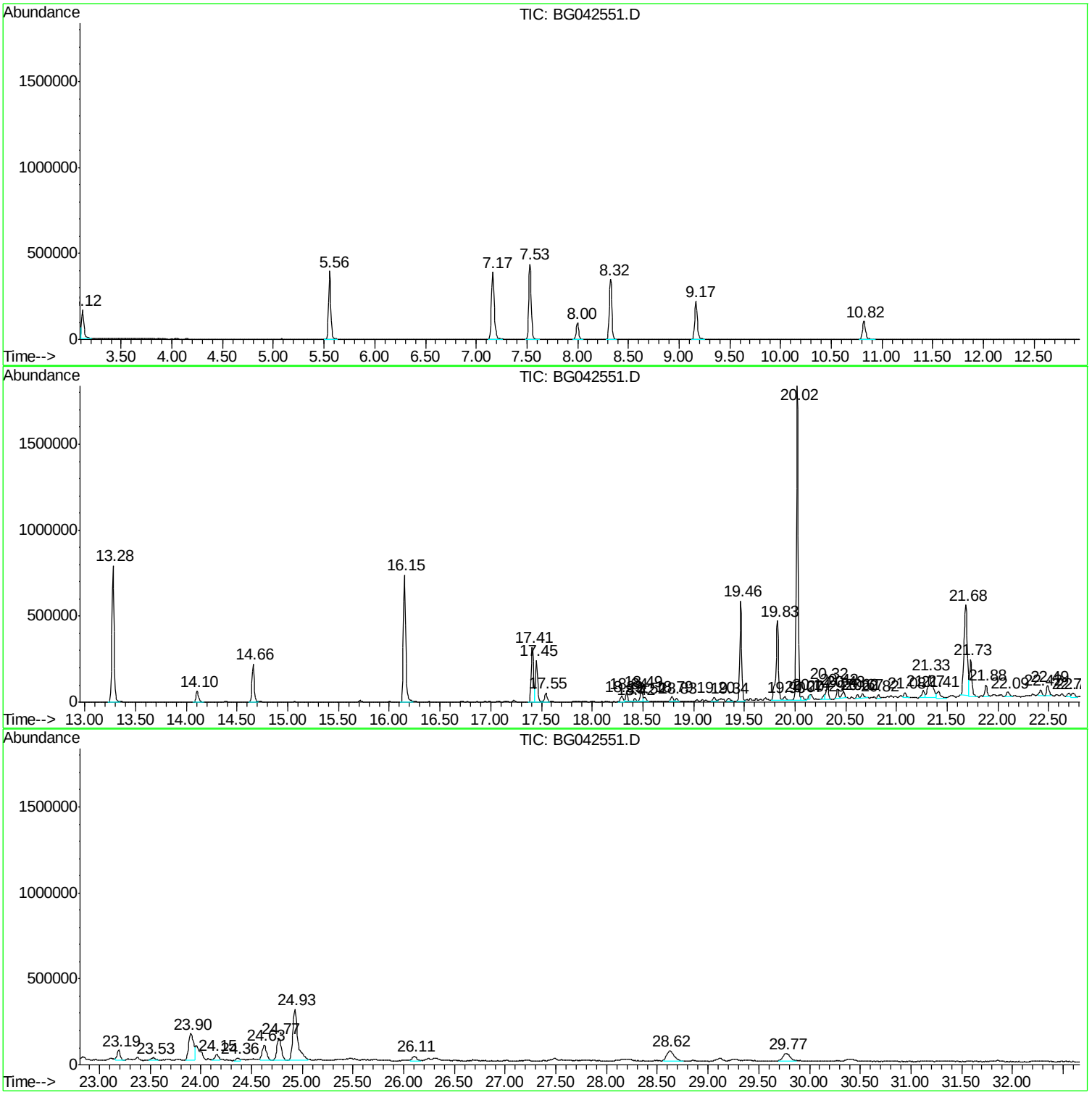
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

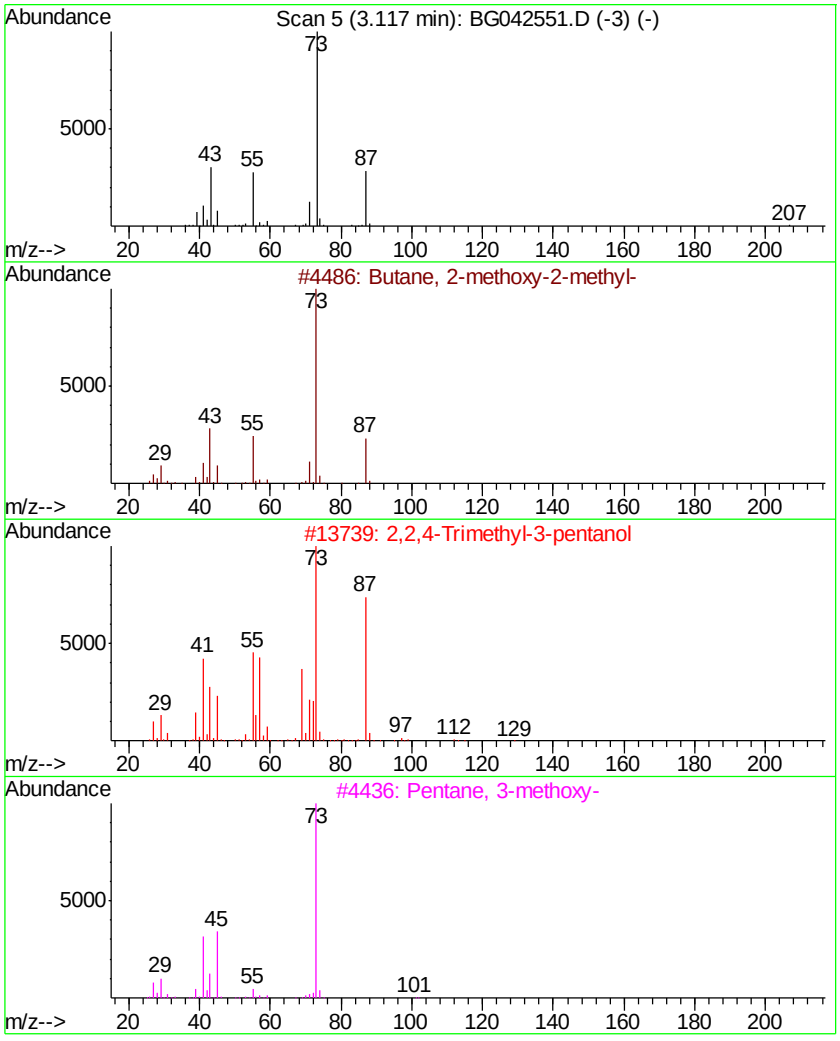
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

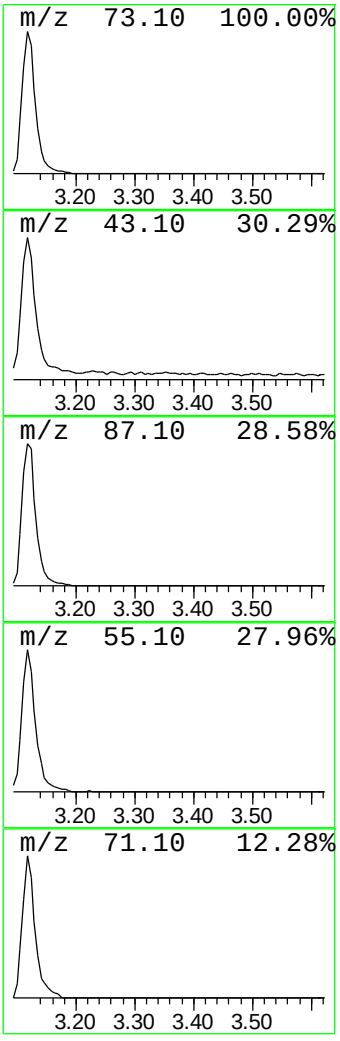
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	28.10 ng	236012	1,4-Dichlorobenzene-d4	8.00

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

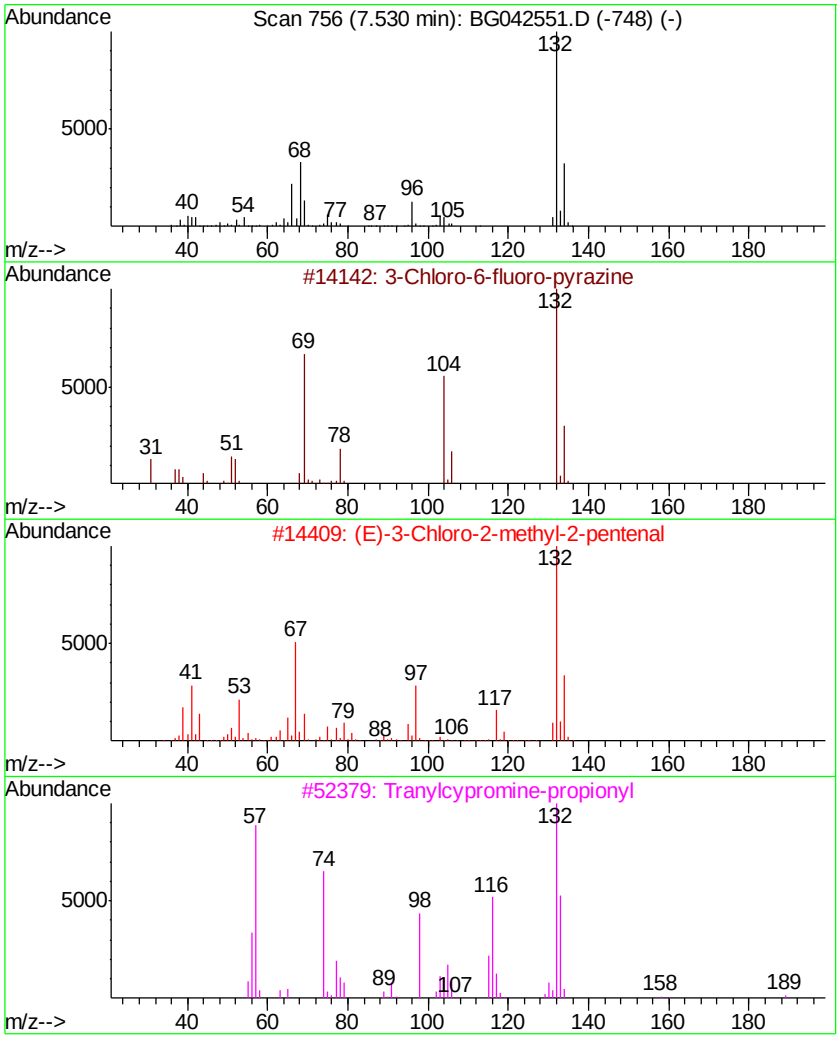
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

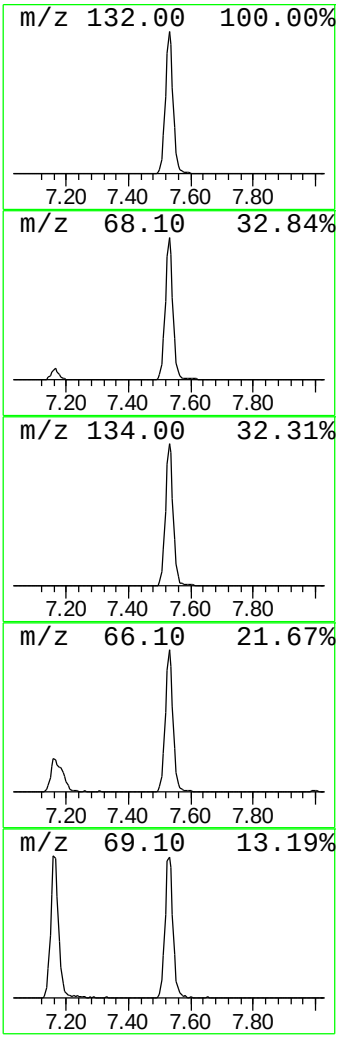
****

Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	90.37 ng	759015	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

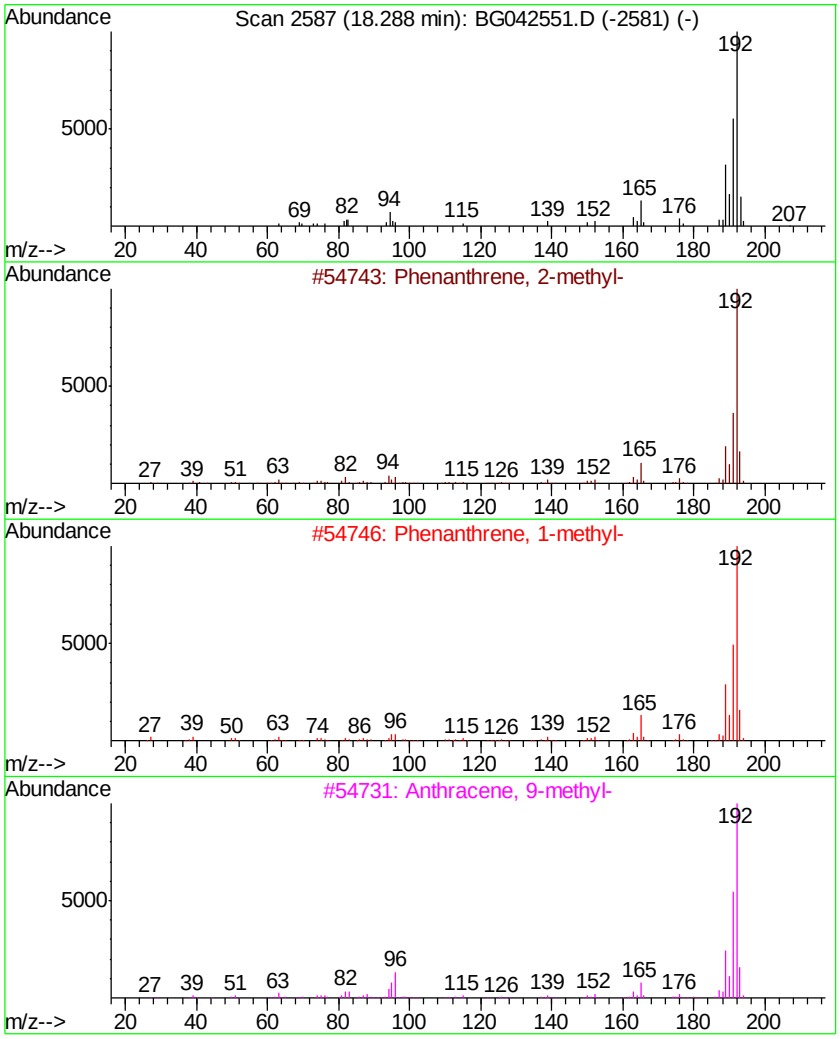
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

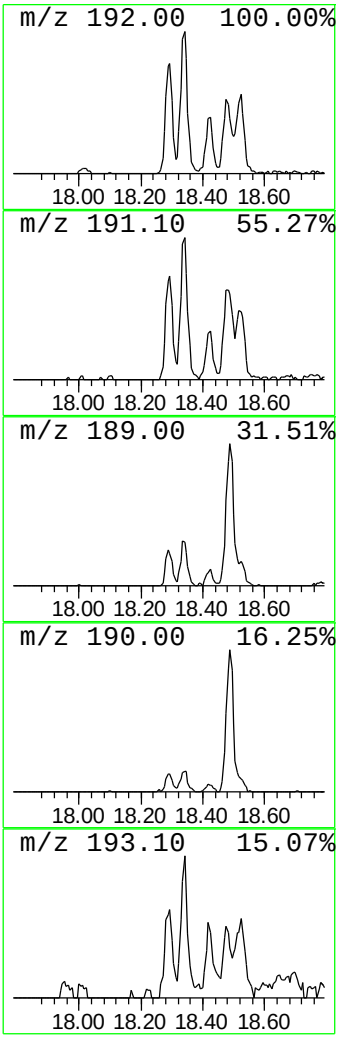
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.16 ng	55068	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

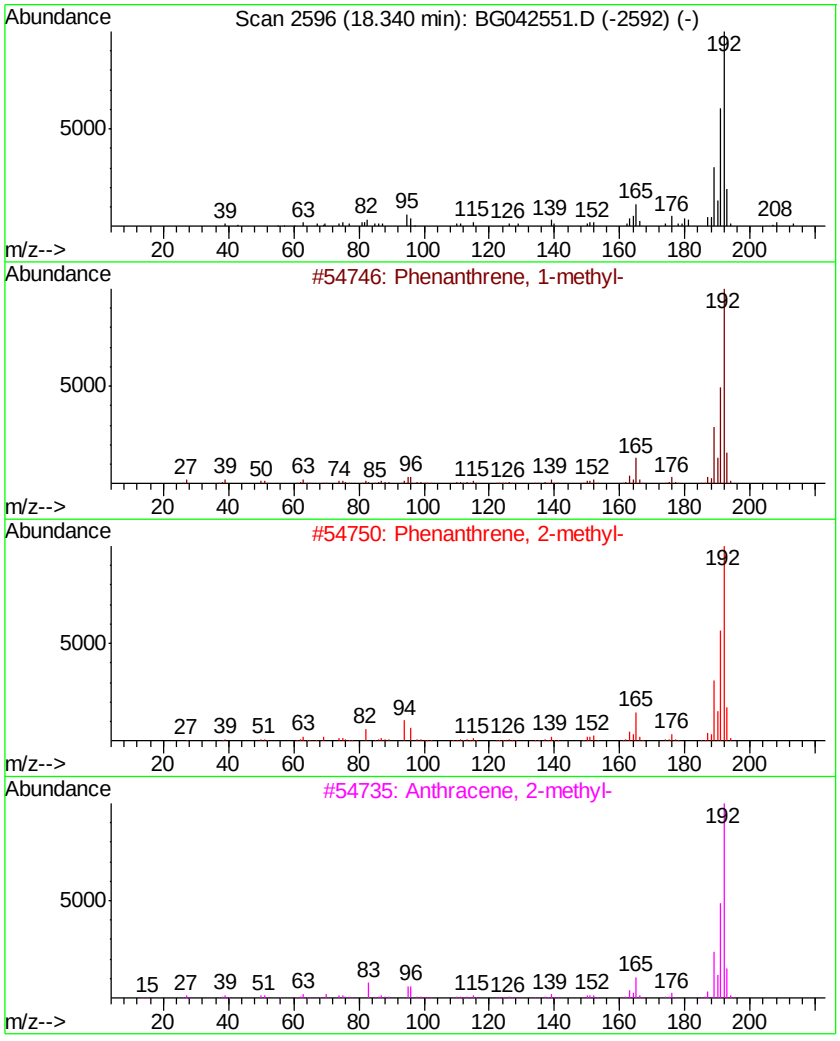
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

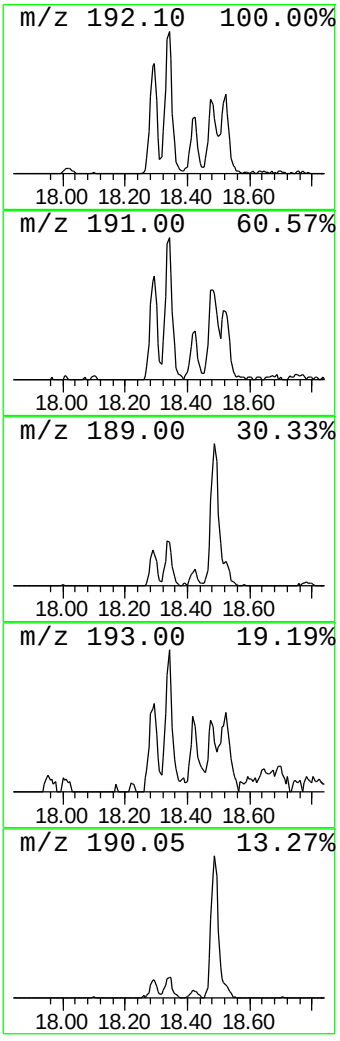
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.95 ng	75252	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

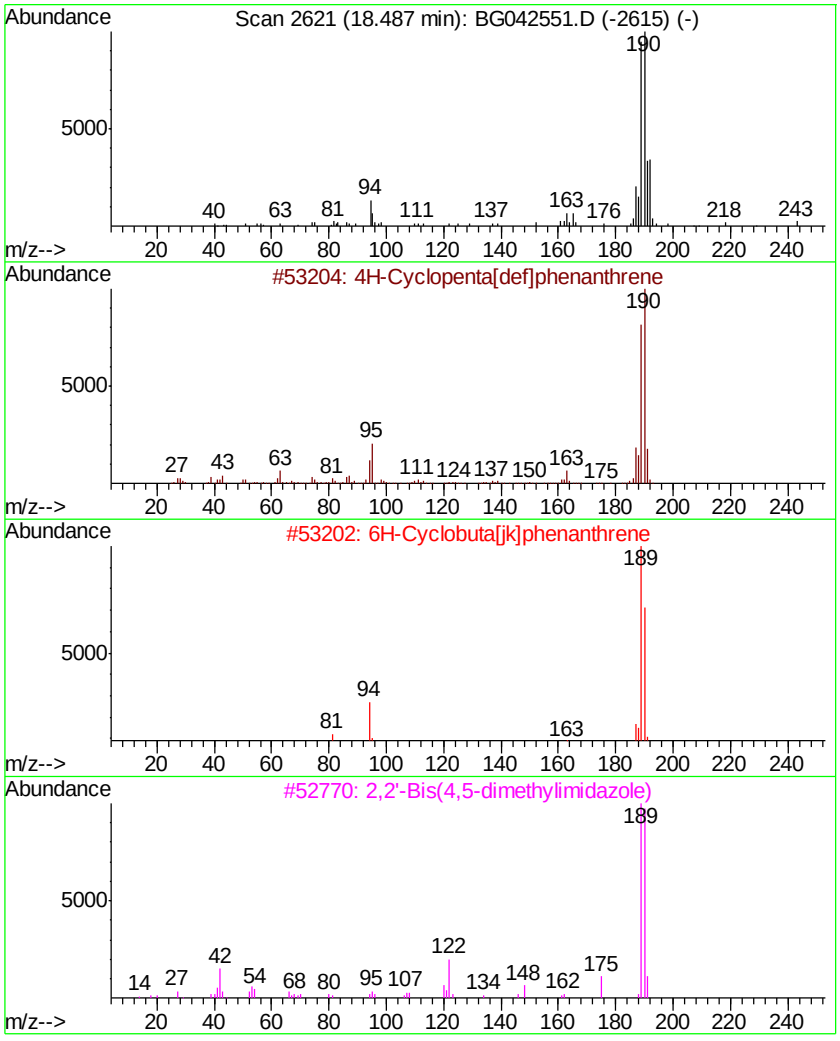
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

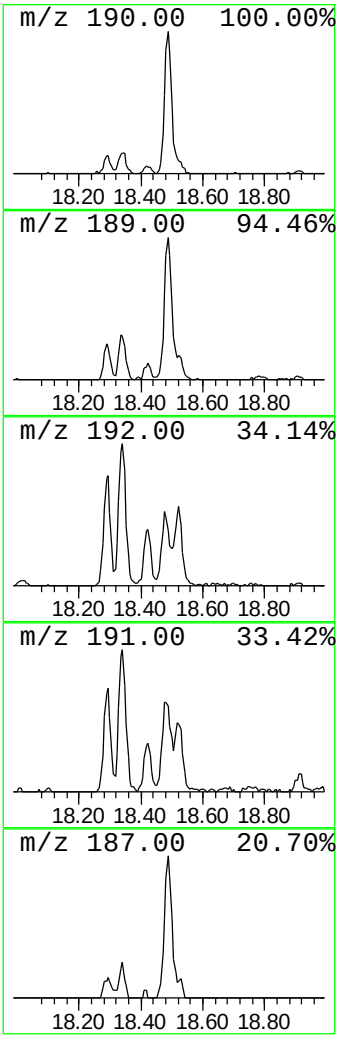
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.16 ng	106299	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
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Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

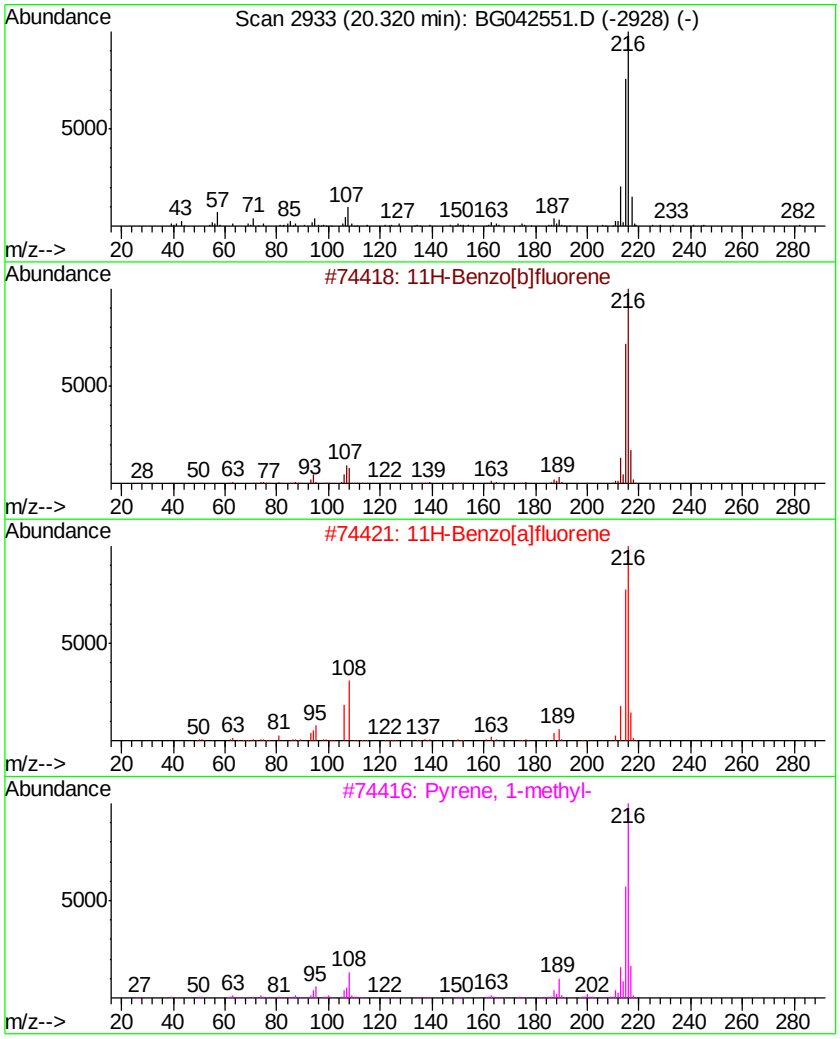
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

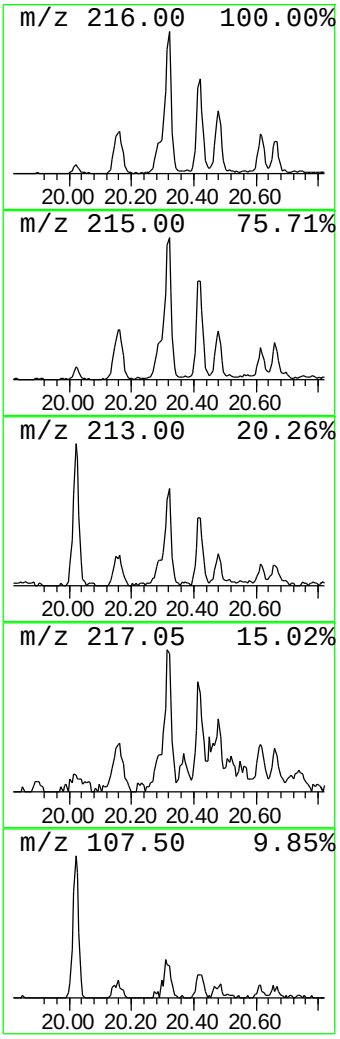
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.35 ng	141520	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

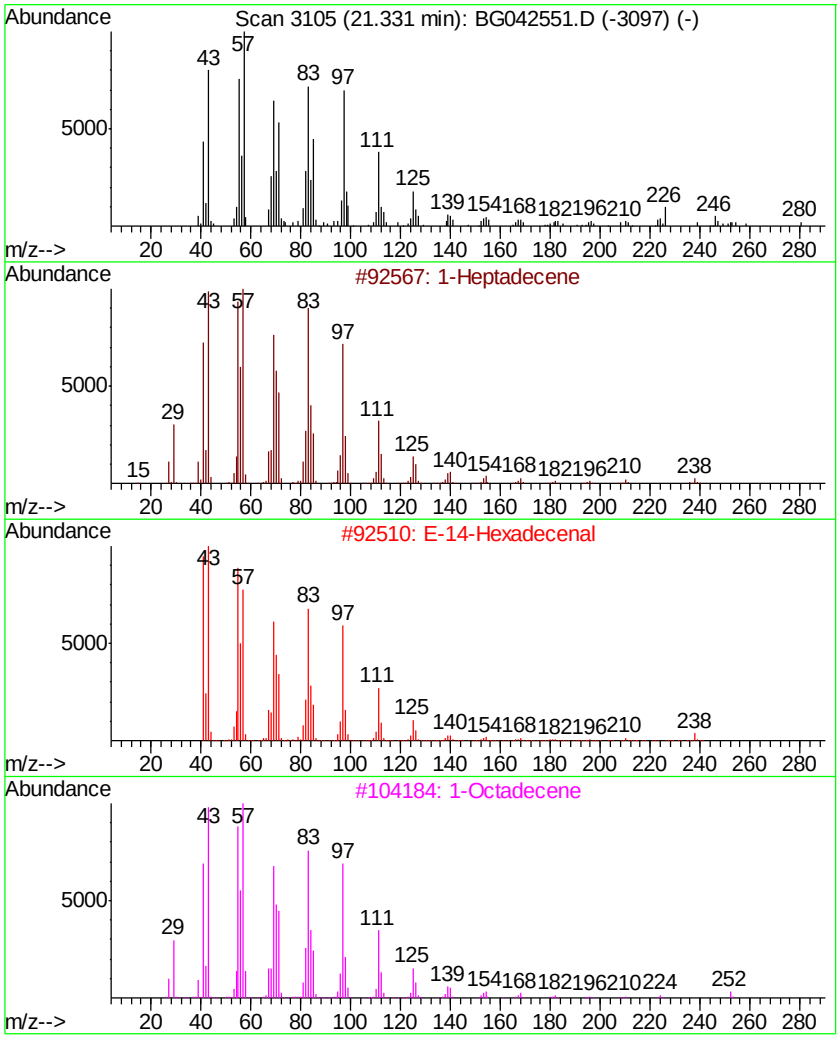
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

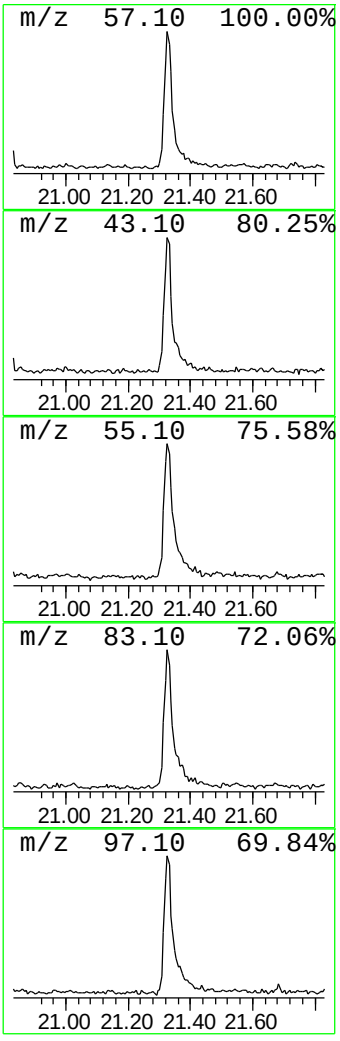
****

Peak Number 8 1-Heptadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	6.78 ng	407888	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	96
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
3	1-Octadecene	252	C18H36	000112-88-9	95
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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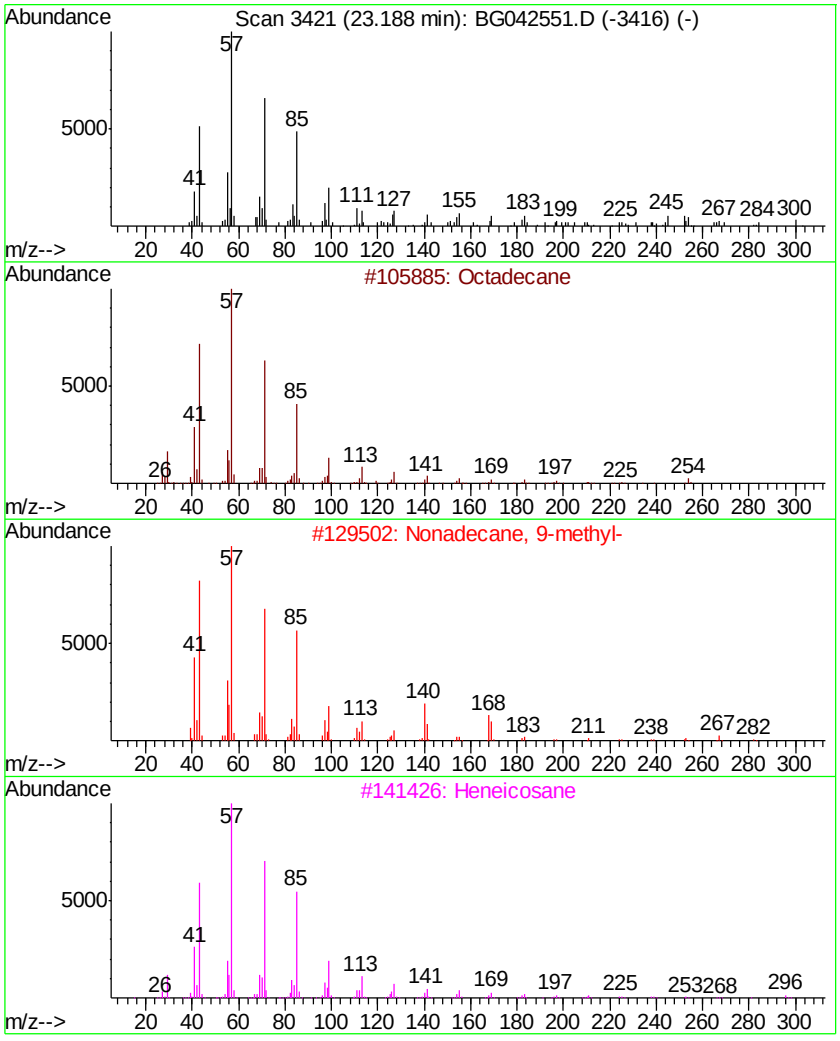
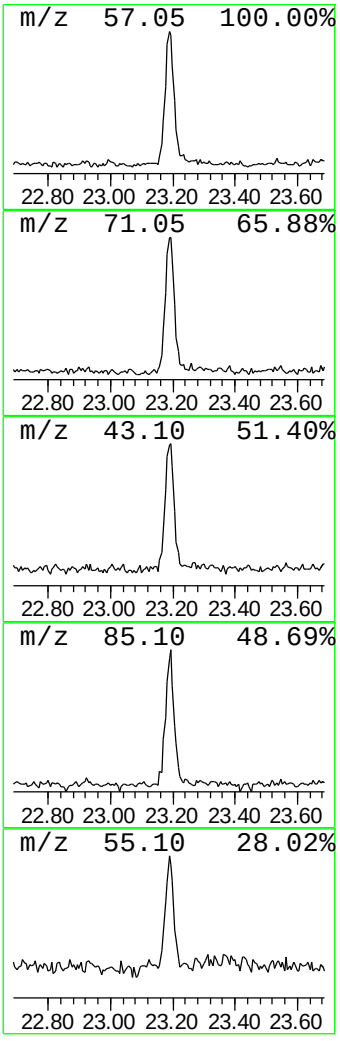
Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	2.03 ng	122008	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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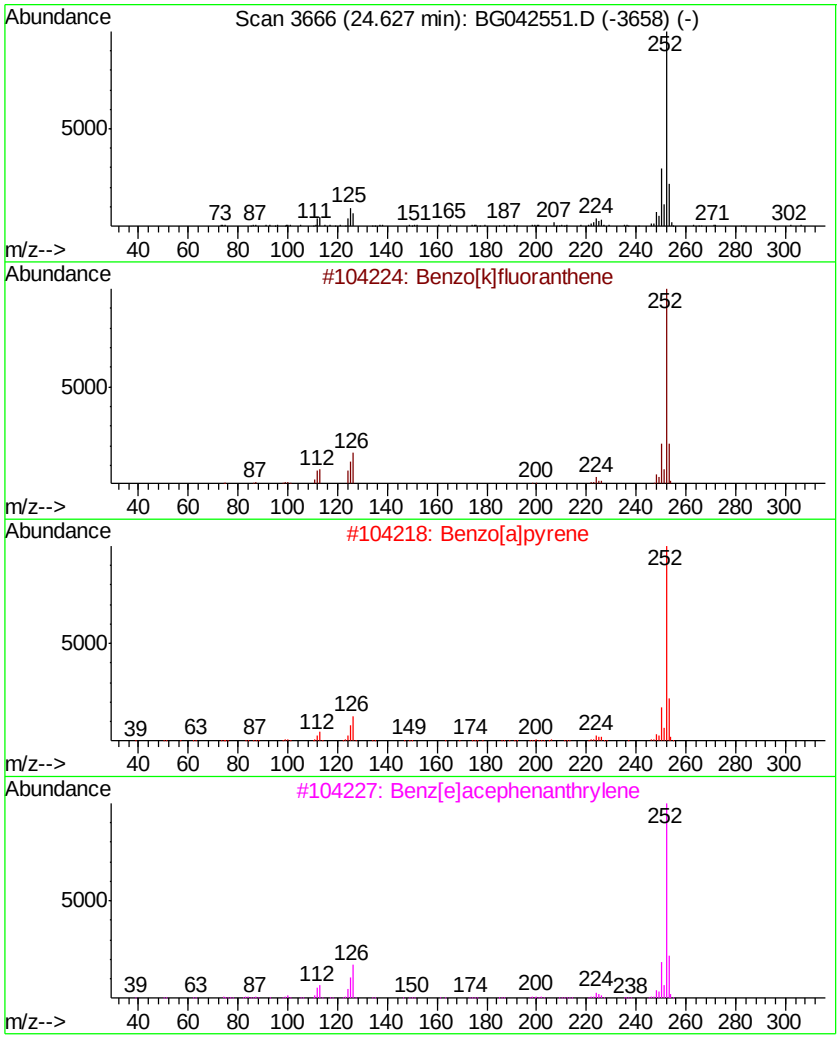
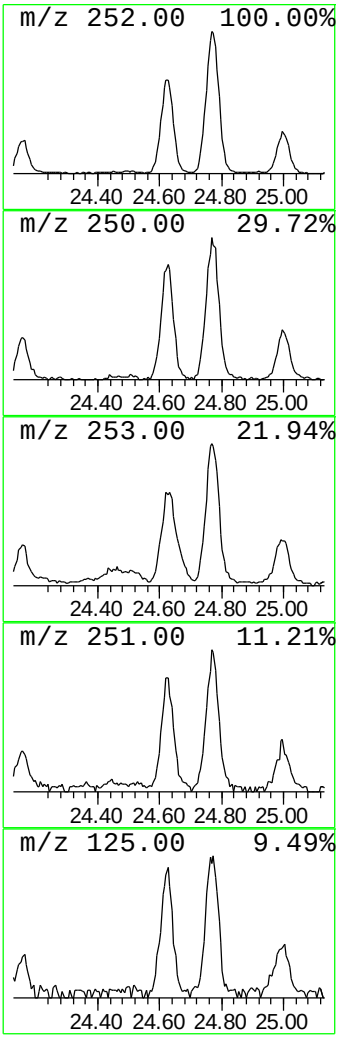
Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	5.28 ng	269998	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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...	3.12	28.1	ng	236012	1	8.00	167979	20.0
unknown7.53	7.53	90.4	ng	759015	1	8.00	167979	20.0
Phenanthrene, 2-m...	18.29	2.2	ng	55068	4	17.41	510958	20.0
Phenanthrene, 1-m...	18.34	3.0	ng	75252	4	17.41	510958	20.0
4H-Cyclopenta[def...	18.49	4.2	ng	106299	4	17.41	510958	20.0
11H-Benzo[b]fluorene	20.32	2.4	ng	141520	5	21.68	1203650	20.0
1-Heptadecene	21.33	6.8	ng	407888	5	21.68	1203650	20.0
Octadecane	23.19	2.0	ng	122008	5	21.68	1203650	20.0
Benzo[e]pyrene	24.63	5.3	ng	269998	6	24.93	1022460	20.0