LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

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-BG051520.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	5.541	409	417	427	rBV	650091	1109013	37.18%	4.546%
2	7.150	683	691	705	rBV	706200	1293805	43.37%	5.304%
3	7.955	820	828	836	rBV	270518	480496	16.11%	1.970%
4	8.278	875	883	892	rBV	659871	1157862	38.81%	4.747%
5	9.112	1017	1025	1036	rBV	491725	910112	30.51%	3.731%
6	10.757	1296	1305	1321	rBV	363273	689188	23.10%	2.825%
7	13.219	1715	1724	1735	rBV	1402823	2269576	76.08%	9.304%
8	13.929	1839	1845	1850	rBV6	23082	43071	1.44%	0.177%
9	14.047	1857	1865	1875	rBV	228688	356660	11.96%	1.462%
10	14.593	1947	1958	1965	rBV	682684	1139500	38.20%	4.671%
11	16.091	2204	2213	2224	rBV	1042552	1689701	56.64%	6.927%
12	16.743	2318	2324	2330	rBV9	15172	38415	1.29%	0.157%
13	17.342	2419	2426	2431	rBV	708252	1136239	38.09%	4.658%
14	17.383	2431	2433	2439	rVB	183456	255180	8.55%	1.046%
15	17.477	2445	2449	2456	rVB	39481	61632	2.07%	0.253%
16	18.218	2572	2575	2578	rVV	25786	38480	1.29%	0.158%
17	18.265	2578	2583	2588	rVV5	49472	117489	3.94%	0.482%
18	18.417	2603	2609	2613	rVV3	48755	96960	3.25%	0.397%
19	18.758	2664	2667	2674	rVB4	25182	38513	1.29%	0.158%
20	19.134	2727	2731	2735	rBV4	21211	33069	1.11%	0.136%
21	19.263	2749	2753	2759	rBV5	35581	74901	2.51%	0.307%
22	19.340	2761	2766	2771	rVV	269525	370725	12.43%	1.520%
23	19.398	2771	2776	2782	rVB	481134	681145	22.83%	2.792%
24	19.639	2814	2817	2822	rBV3	19626	40159	1.35%	0.165%
25	19.757	2828	2837	2846	rBV	402237	758413	25.42%	3.109%
26	19.827	2847	2849	2855	rVB4	20608	31117	1.04%	0.128%
27	19.956	2865	2871	2883	rBV	2053423	2983116	100.00%	12.229%
28	20.086	2887	2893	2895	rBV4	35820	76083	2.55%	0.312%
29	20.250	2918	2921	2928	rVB2	88833	153822	5.16%	0.631%
30	20.350	2935	2938	2943	rVB	39660	48175	1.61%	0.197%
31	20.597	2976	2980	2984	rBV3	44588	68233	2.29%	0.280%
32	21.008	3047	3050	3055	rVB	38168	63578	2.13%	0.261%
33	21.266	3089	3094	3102	rVB4	177022	329118	11.03%	1.349%
34	21.601	3143	3151	3156	rBV2	707978	1523365	51.07%	6.245%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

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-BG051520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.648	3156	3159	3167	rVB	194288	313612	10.51%	1.286%
36	21.801	3181	3185	3190	rVB2	102823	178698	5.99%	0.733%
37	22.400	3283	3287	3295	rBV6	90020	194789	6.53%	0.799%
38	23.076	3399	3402	3411	rVB3	66870	127936	4.29%	0.524%
39	23.416	3456	3460	3466	rVB8	62423	117719	3.95%	0.483%
40	23.757	3511	3518	3527	rBV3	160019	527824	17.69%	2.164%
41	23.869	3533	3537	3542	rVB2	113681	207491	6.96%	0.851%
42	23.933	3544	3548	3555	rVB9	49432	104724	3.51%	0.429%
43	24.456	3633	3637	3651	rVB	101226	286082	9.59%	1.173%
44	24.597	3655	3661	3670	rVB	123153	315727	10.58%	1.294%
45	24.756	3679	3688	3706	rVB	382128	1249724	41.89%	5.123%
46	25.901	3873	3883	3892	rVB2	190552	612250	20.52%	2.510%

Sum of corrected areas: 24393487

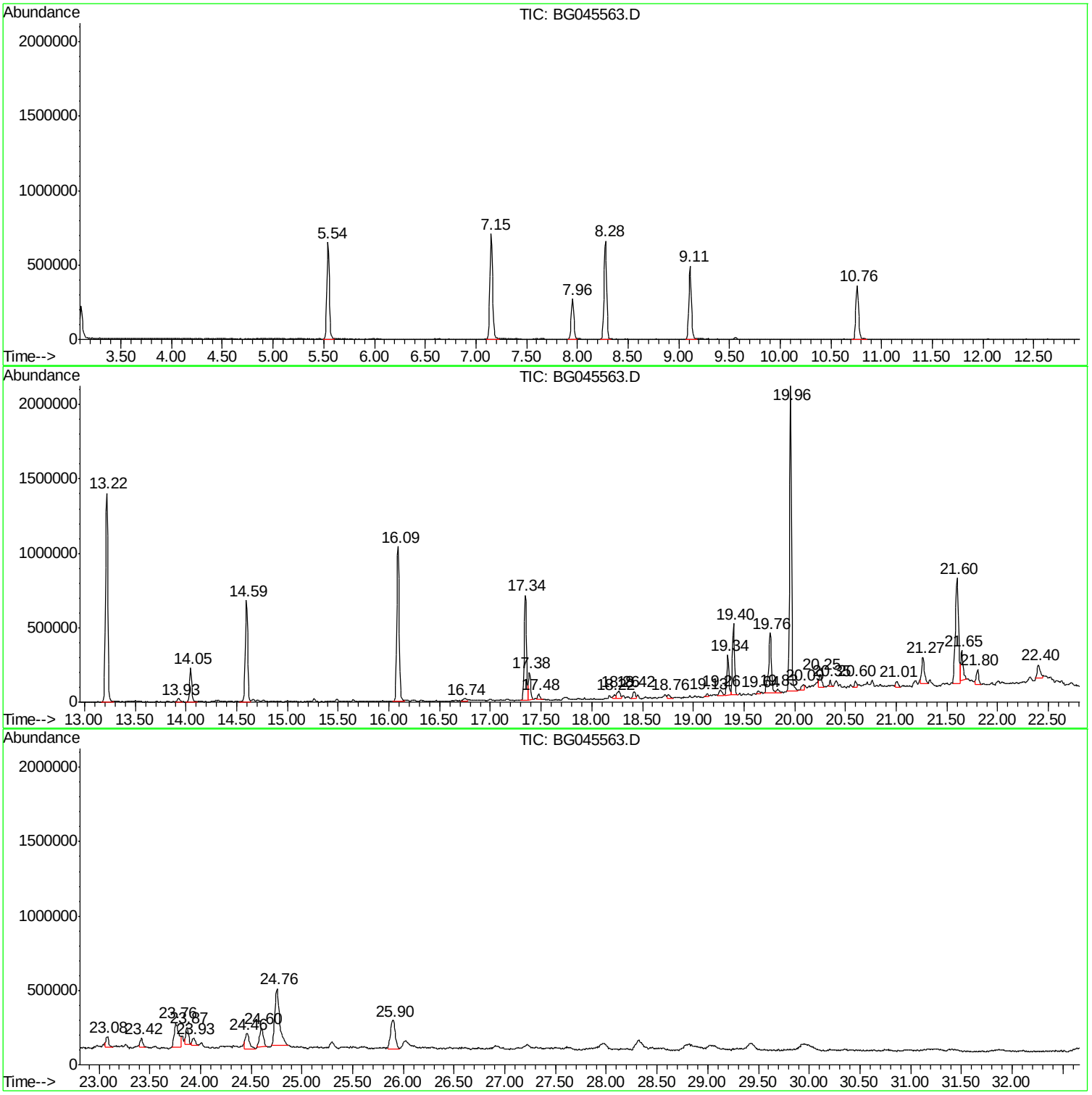
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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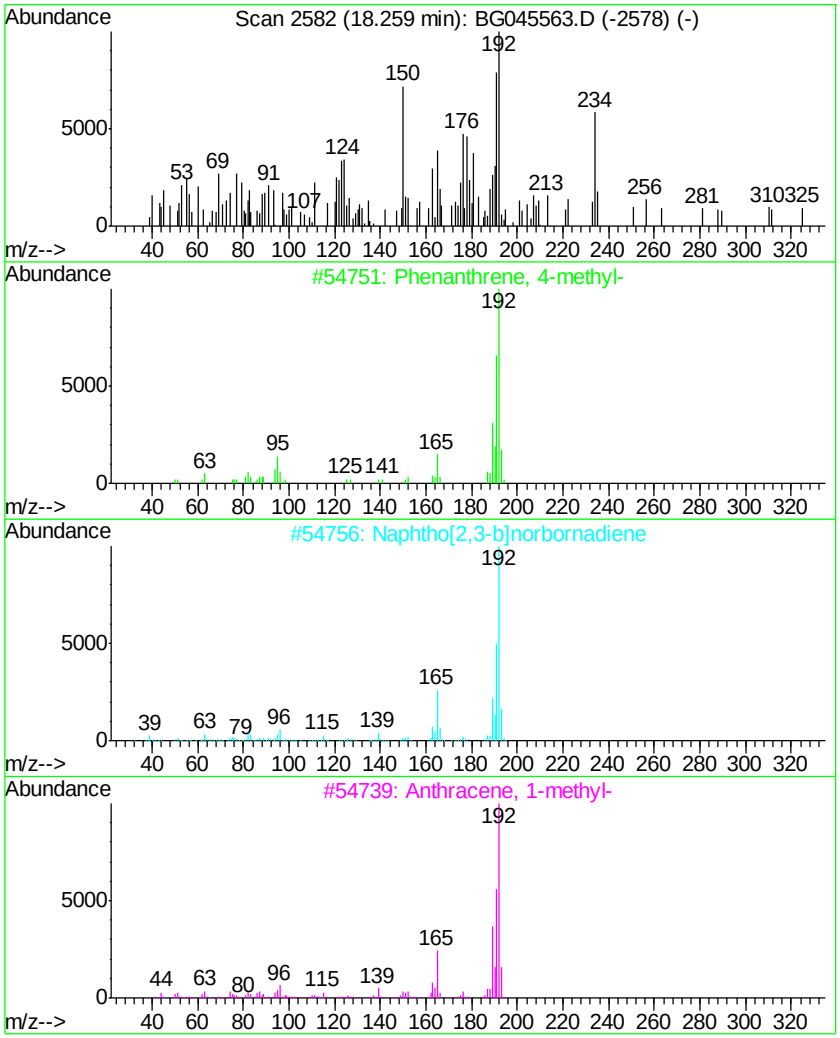
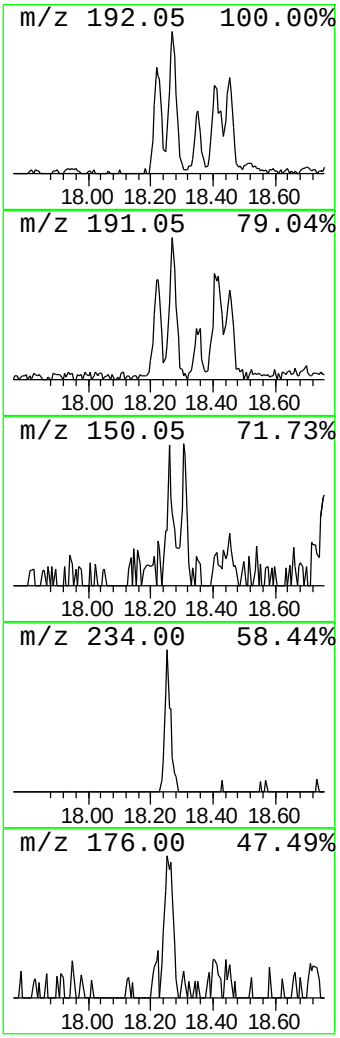
Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.07 ng	117489	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	52
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	49
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

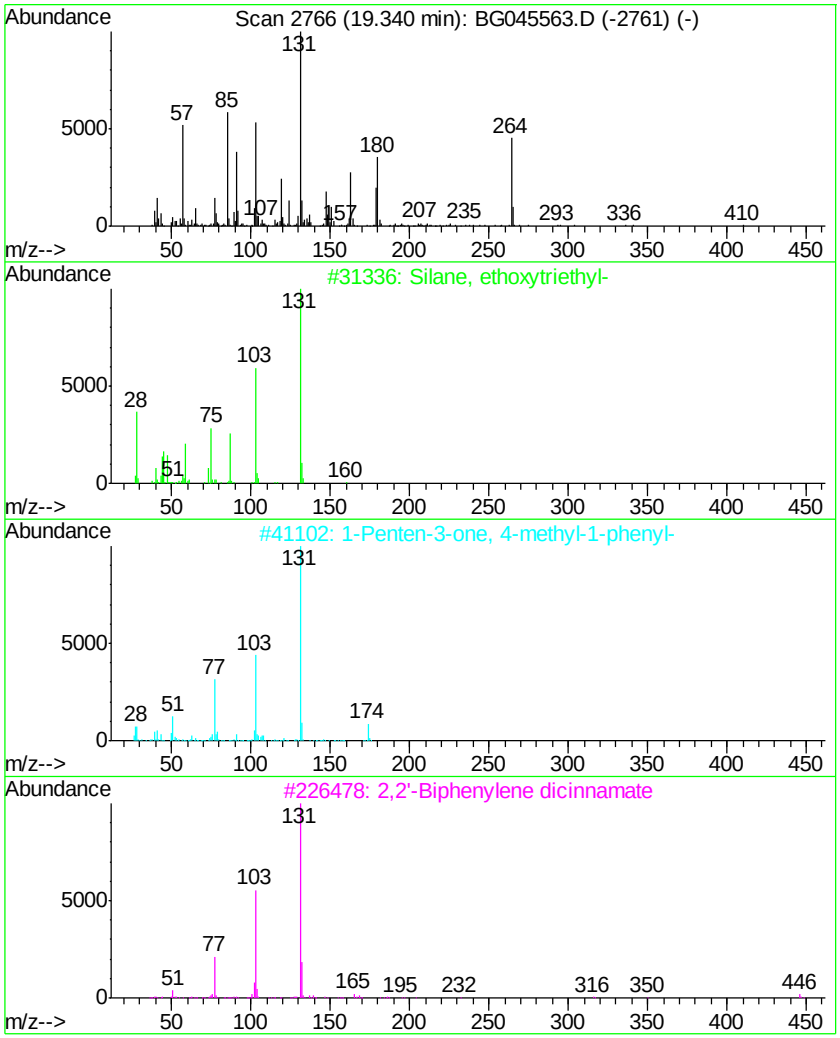
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

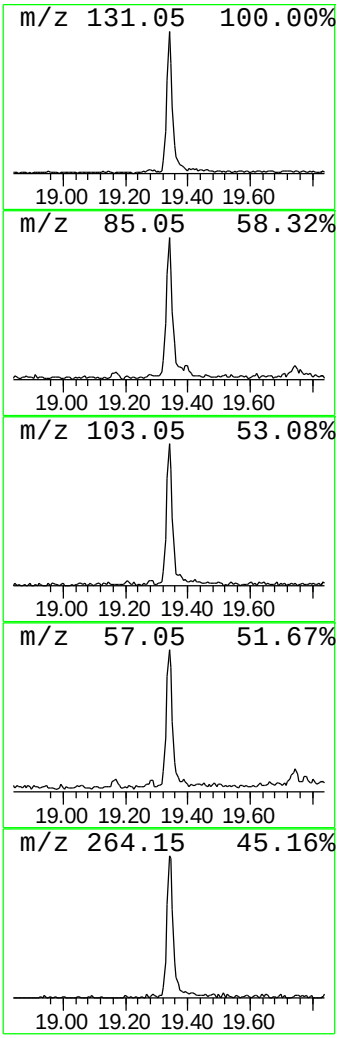
****

Peak Number 3 unknown19.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	6.53 ng	370725	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, ethoxytriethyl-	160	C8H20OSi	000597-67-1	27
2	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	27
3	2,2'-Biphenylene dicinnamate	446	C30H22O4	300799-15-9	27
4	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	27
5	Succinoic acid, 2-hydroxy-3-meth...	204	C9H16O5	1000196-85-6	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

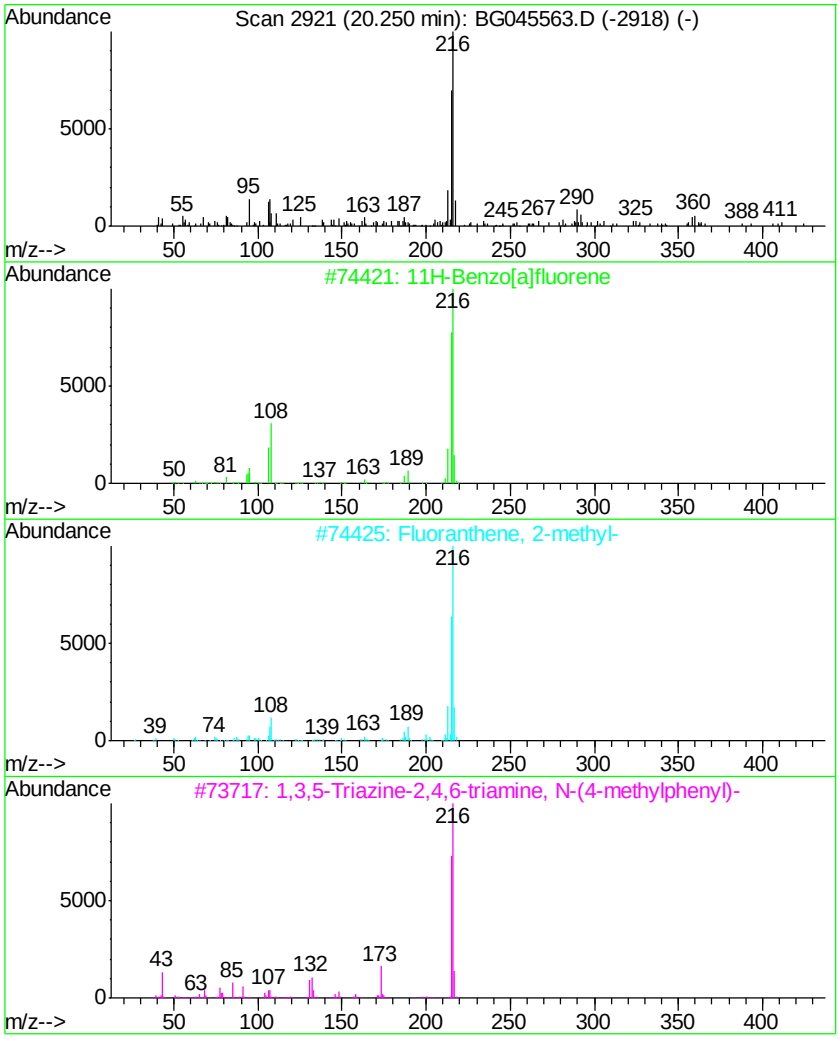
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

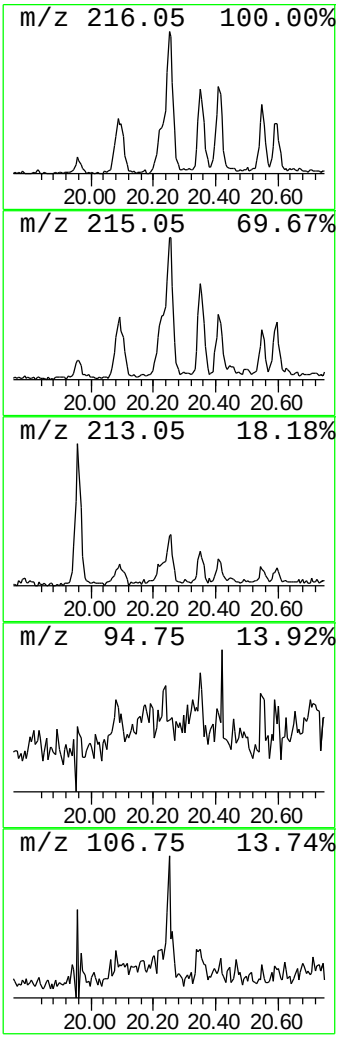
****

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.02 ng	153822	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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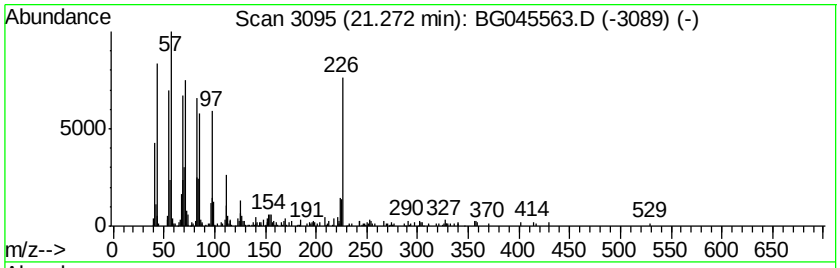
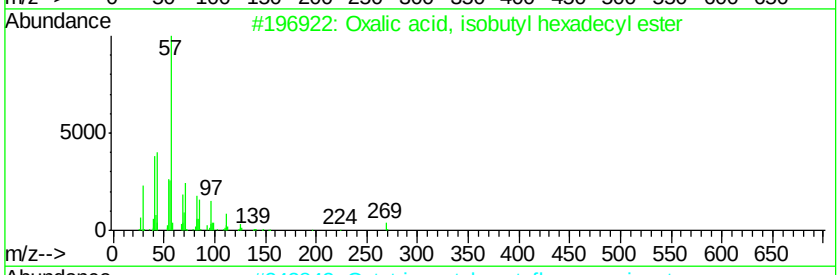
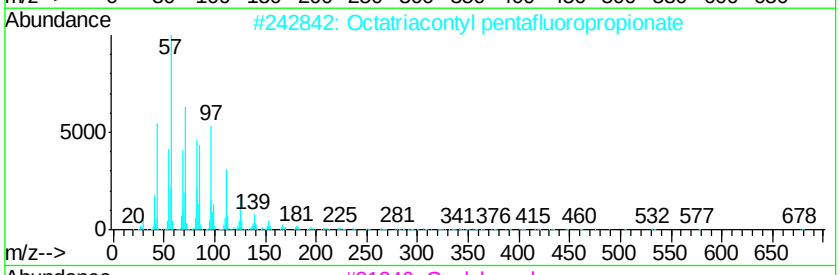
Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 5

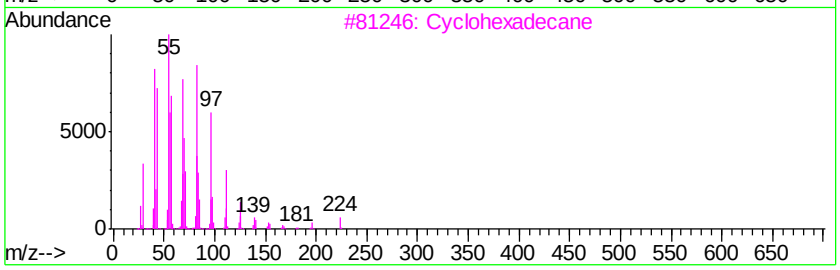
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	4.32 ng	329118	Chrysene-d12	21.60

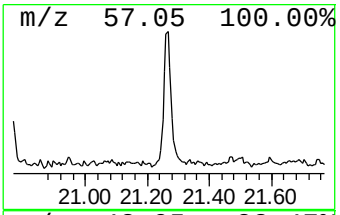
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	83
3	Cyclohexadecane	224	C16H32	000295-65-8	64
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	62
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58

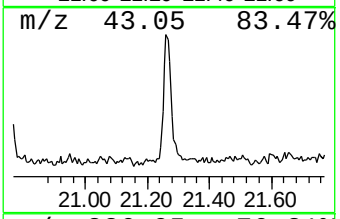


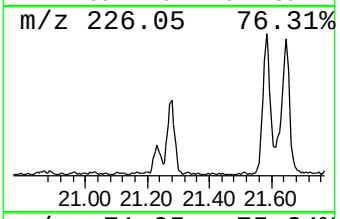


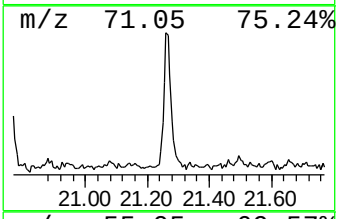


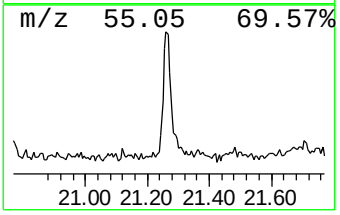












Library Search Compound Report

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Sample : L2798-06
Misc :
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Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

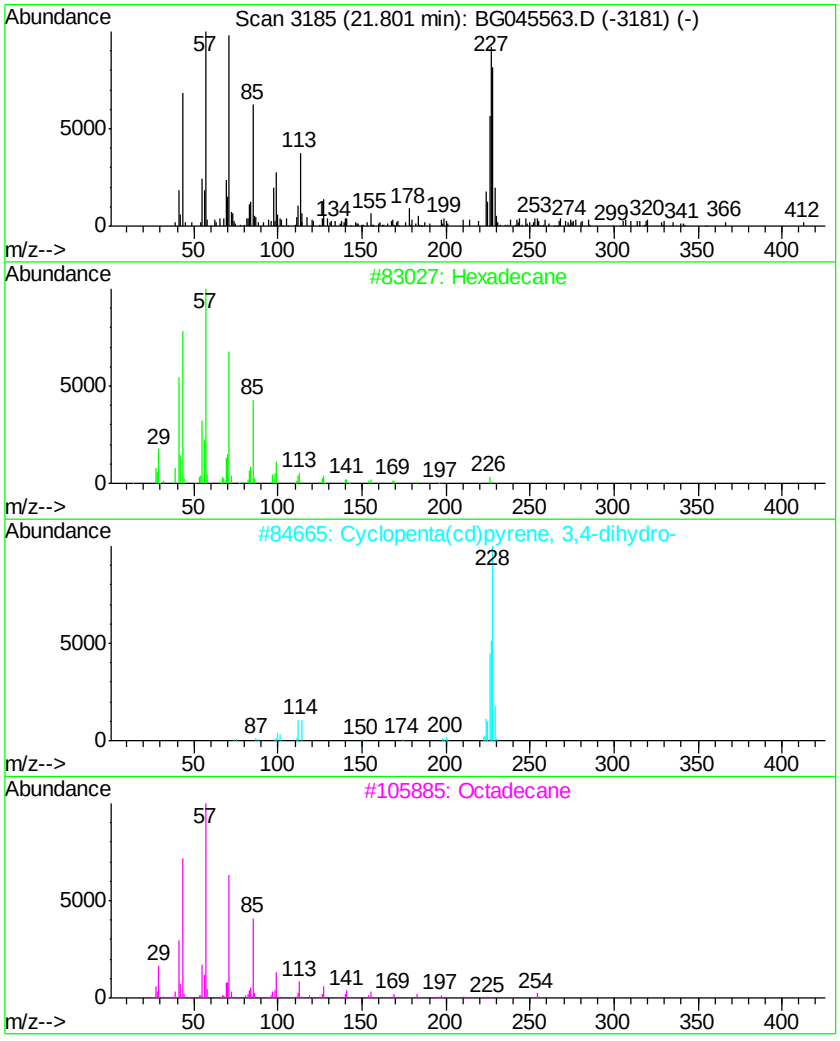
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

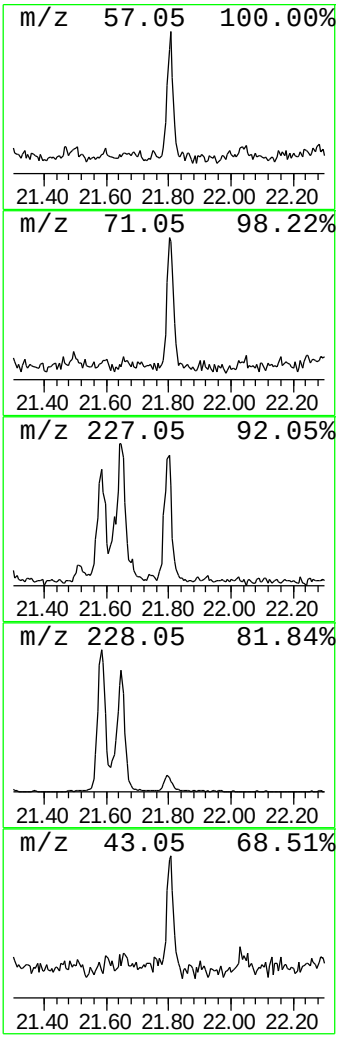
****

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.35 ng	178698	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
3	Octadecane	254	C18H38	000593-45-3	38
4	Nonadecane	268	C19H40	000629-92-5	30
5	Docosane	310	C22H46	000629-97-0	30





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Misc :
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Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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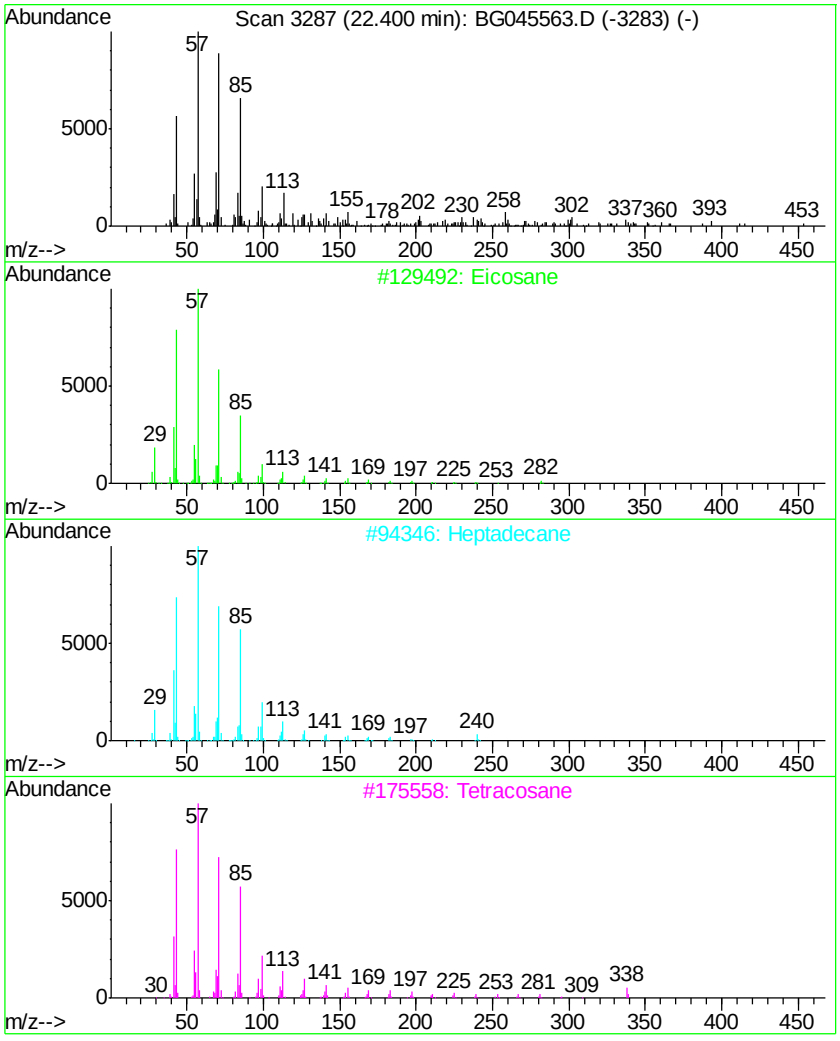
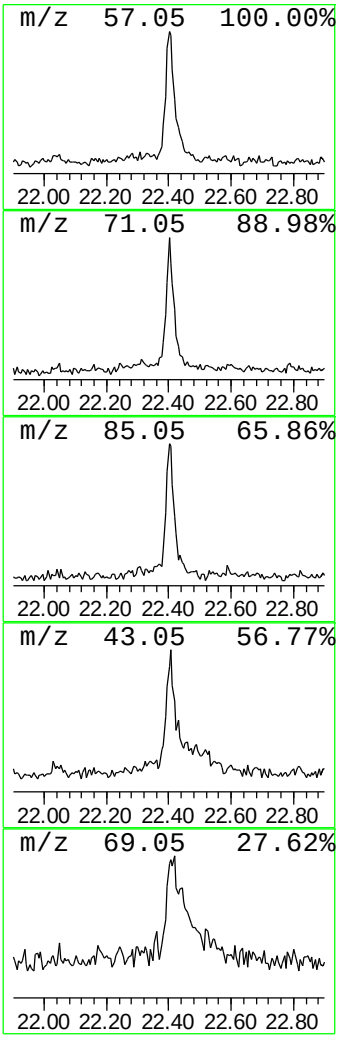
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.56 ng	194789	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Heptadecane	240	C17H36	000629-78-7	81
3	Tetracosane	338	C24H50	000646-31-1	74
4	Docosane	310	C22H46	000629-97-0	72
5	Heneicosane	296	C21H44	000629-94-7	72





Library Search Compound Report

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Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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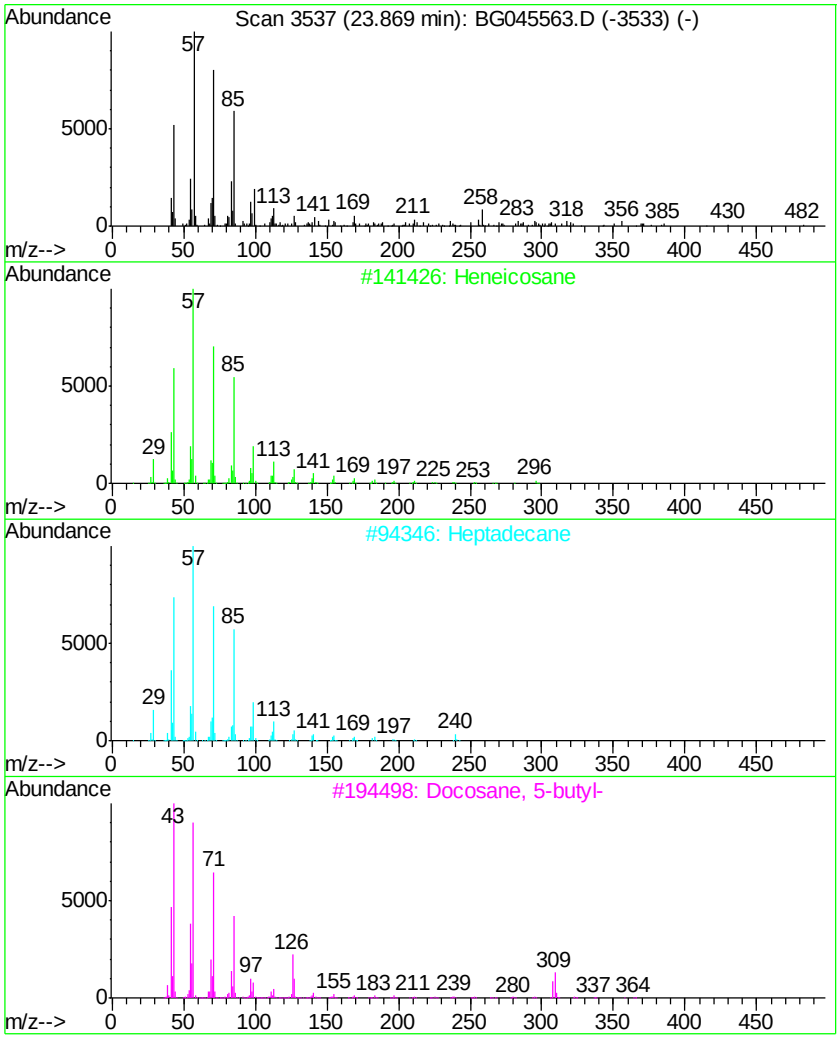
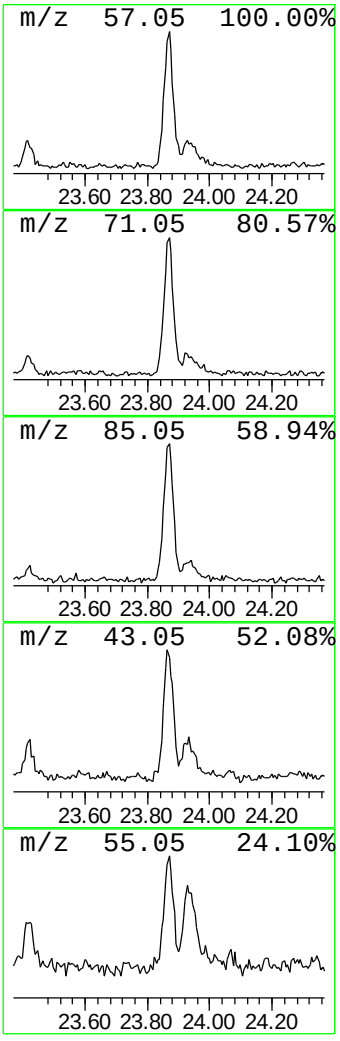
Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.32 ng	207491	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane	240	C17H36	000629-78-7	80
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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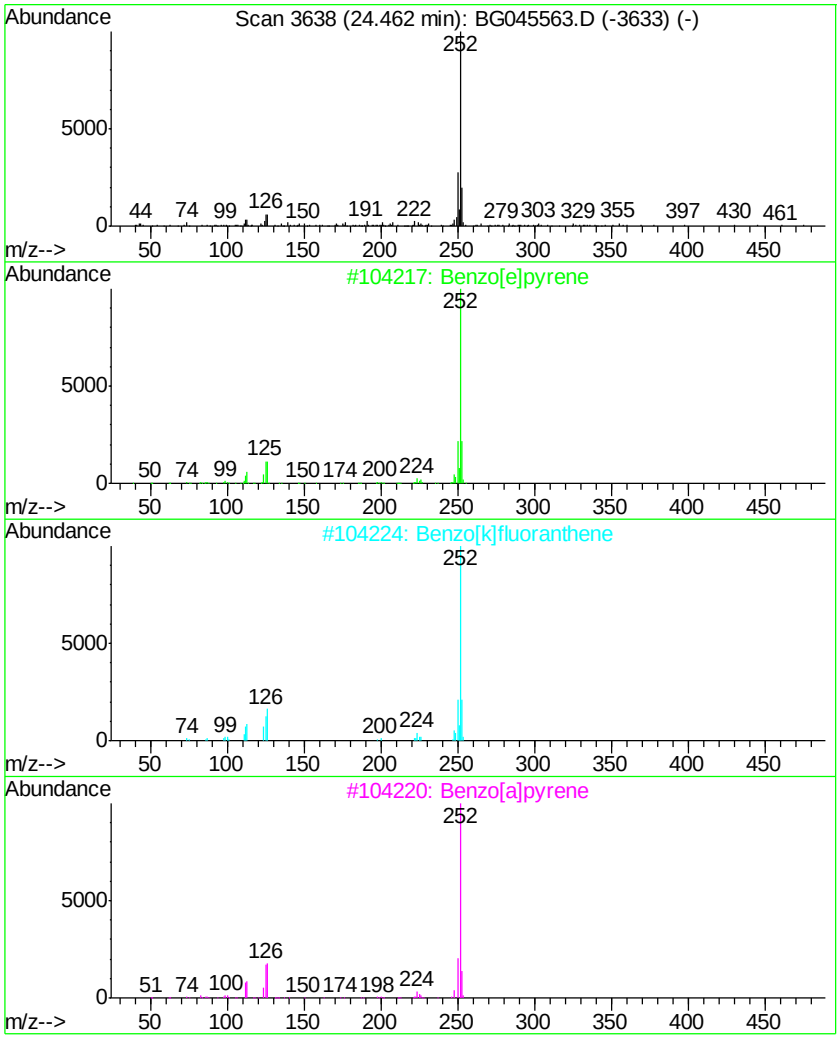
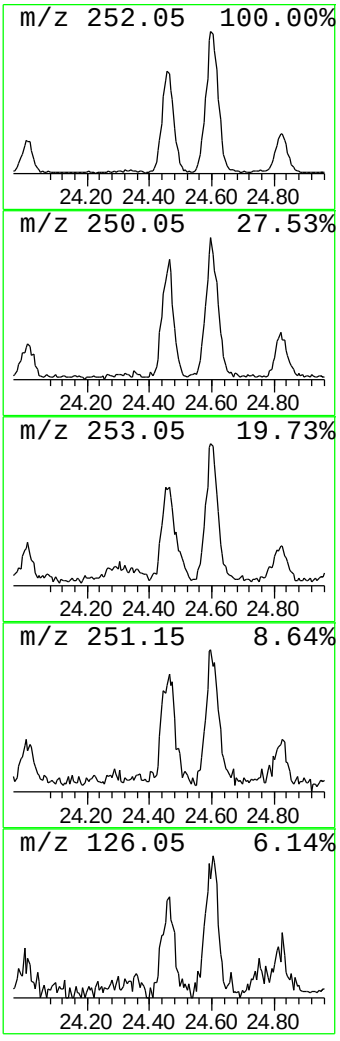
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	4.58 ng	286082	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	70
4	Perylene	252	C20H12	000198-55-0	70
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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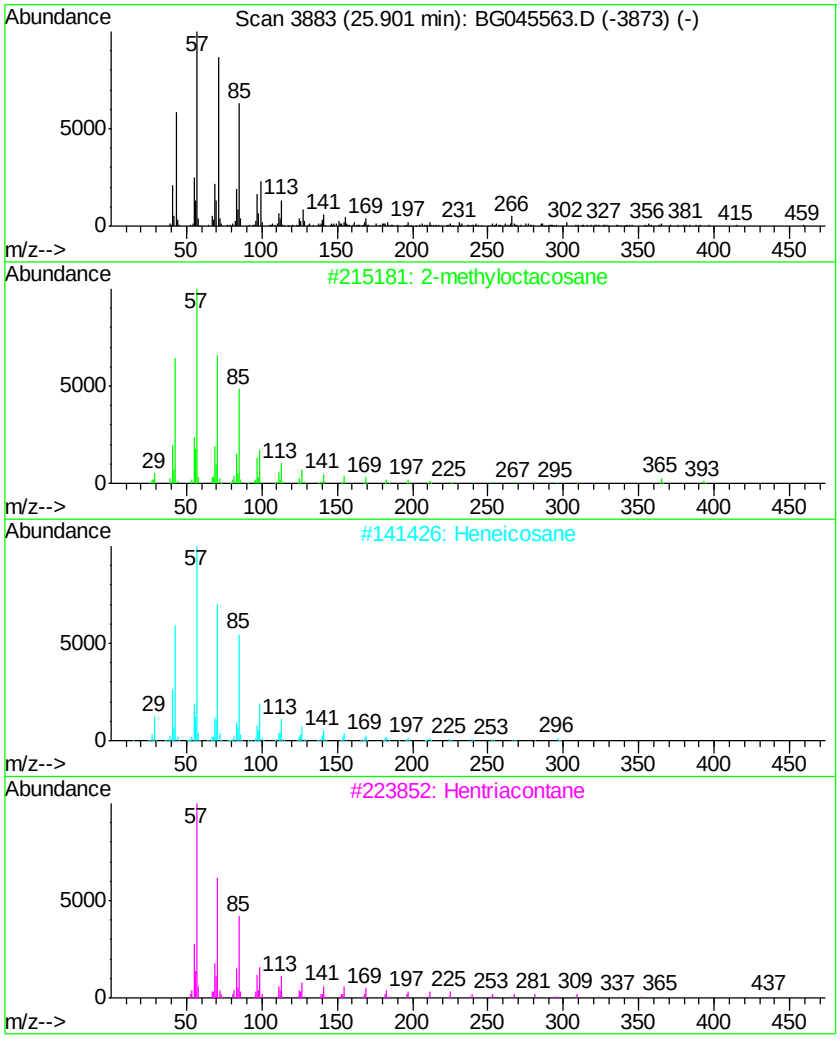
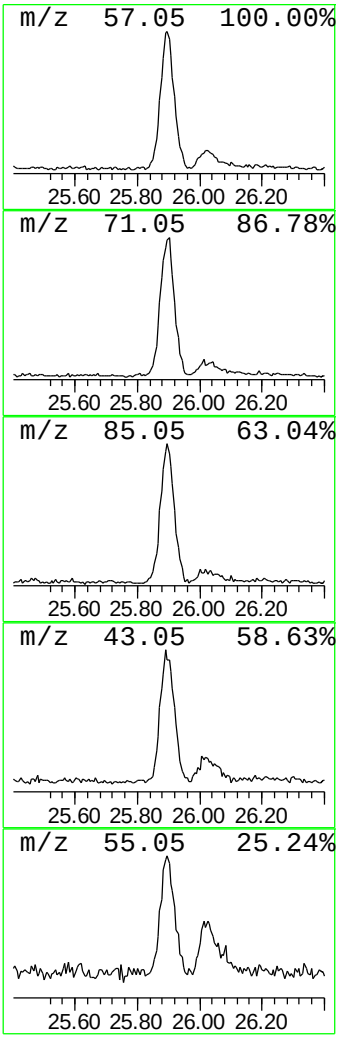
Peak Number 10 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.90	9.80 ng	612250	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060120\
Data File : BG045563.D
Acq On : 1 Jun 2020 19:56
Operator : CG/JU
Sample : L2798-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NM106-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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
Phenanthrene, 4-m...	18.26	2.1	ng	117489	4	17.34	1136240	20.0
unknown19.34	19.34	6.5	ng	370725	4	17.34	1136240	20.0
11H-Benzo[a]fluorene	20.25	2.0	ng	153822	5	21.60	1523370	20.0
Oxalic acid, isob...	21.27	4.3	ng	329118	5	21.60	1523370	20.0
Hexadecane	21.80	2.4	ng	178698	5	21.60	1523370	20.0
Eicosane	22.40	2.6	ng	194789	5	21.60	1523370	20.0
Heneicosane	23.87	3.3	ng	207491	6	24.76	1249720	20.0
Benzo[e]pyrene	24.46	4.6	ng	286082	6	24.76	1249720	20.0
2-methyloctacosane	25.90	9.8	ng	612250	6	24.76	1249720	20.0