LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

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-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049160.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.139	10	17	26	rBV4	55607	159408	8.07%	0.959%
2	3.221	26	31	40	rVB2	18831	42258	2.14%	0.254%
3	5.178	358	364	372	rVB2	31118	53776	2.72%	0.323%
4	5.642	436	443	453	rBV	500049	842023	42.60%	5.065%
5	7.246	708	716	725	rBV	528453	959481	48.54%	5.772%
6	8.092	853	860	867	rBV	155017	268461	13.58%	1.615%
7	9.255	1050	1058	1066	rBV	348740	650059	32.89%	3.911%
8	10.671	1293	1299	1307	rBV	111323	194656	9.85%	1.171%
9	10.912	1332	1340	1347	rBV2	200017	383071	19.38%	2.304%
10	13.356	1748	1756	1765	rBV	894586	1441667	72.94%	8.673%
11	14.179	1888	1896	1905	rVB3	15406	30053	1.52%	0.181%
12	14.455	1937	1943	1950	rBV2	12326	25296	1.28%	0.152%
13	14.731	1983	1990	1997	rBV	320633	510081	25.81%	3.068%
14	15.319	2084	2090	2098	rBV4	34375	64893	3.28%	0.390%
15	15.777	2162	2168	2176	rVB5	11193	20599	1.04%	0.124%
16	16.218	2236	2243	2254	rVB	726331	1154826	58.43%	6.947%
17	16.453	2276	2283	2288	rVB6	9113	21375	1.08%	0.129%
18	17.134	2394	2399	2404	rVB4	14439	20874	1.06%	0.126%
19	17.299	2423	2427	2434	rVB2	13250	23517	1.19%	0.141%
20	17.481	2452	2458	2462	rBV	370490	583925	29.54%	3.513%
21	17.522	2462	2465	2474	rVV	171103	247209	12.51%	1.487%
22	17.616	2477	2481	2485	rBV3	14330	20278	1.03%	0.122%
23	17.886	2521	2527	2533	rBV2	12200	21773	1.10%	0.131%
24	18.063	2553	2557	2562	rVB2	20646	29915	1.51%	0.180%
25	18.139	2566	2570	2575	rBV	36185	50213	2.54%	0.302%
26	18.356	2602	2607	2612	rBV	88982	140156	7.09%	0.843%
27	18.403	2612	2615	2625	rVB2	59612	100703	5.09%	0.606%
28	18.550	2635	2640	2644	rBV2	53175	104986	5.31%	0.632%
29	18.586	2644	2646	2653	rVB	36965	51411	2.60%	0.309%
30	18.850	2687	2691	2694	rBV	33325	47067	2.38%	0.283%
31	18.891	2694	2698	2705	rVB4	38668	66953	3.39%	0.403%
32	19.273	2758	2763	2766	rBV	52418	84385	4.27%	0.508%
33	19.308	2766	2769	2772	rVV3	34870	43075	2.18%	0.259%
34	19.408	2781	2786	2794	rBV5	33237	79404	4.02%	0.478%
35	19.532	2801	2807	2813	rVB	318052	469328	23.74%	2.823%
36	19.626	2820	2823	2828	rBV5	25055	34213	1.73%	0.206%

LSC Area Percent Report

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Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

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-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.678	2828	2832	2835	rBV2	14769	24210	1.22%	0.146%
38	19.778	2844	2849	2851	rBV2	19667	28759	1.46%	0.173%
39	19.861	2859	2863	2864	rBV	47081	60885	3.08%	0.366%
40	19.890	2864	2868	2877	rVV	302923	466704	23.61%	2.808%
41	19.960	2877	2880	2886	rVB4	27392	43949	2.22%	0.264%
42	20.090	2894	2902	2914	rVB	1473183	1976538	100.00%	11.890%
43	20.219	2917	2924	2929	rBV6	35904	98818	5.00%	0.594%
44	20.378	2942	2951	2956	rVB2	56280	130910	6.62%	0.788%
45	20.478	2965	2968	2972	rVB4	26837	33006	1.67%	0.199%
46	20.536	2975	2978	2983	rVB	37889	57083	2.89%	0.343%
47	20.683	2999	3003	3007	rBV2	41688	60617	3.07%	0.365%
48	20.724	3007	3010	3014	rVB	28577	39667	2.01%	0.239%
49	20.842	3025	3030	3034	rBV	157813	194003	9.82%	1.167%
50	21.147	3078	3082	3089	rVB2	42269	73901	3.74%	0.445%
51	21.341	3106	3115	3118	rBV3	48185	116091	5.87%	0.698%
52	21.394	3119	3124	3135	rVV5	86647	255714	12.94%	1.538%
53	21.488	3136	3140	3147	rVB2	43826	81648	4.13%	0.491%
54	21.647	3162	3167	3176	rVB	350368	528115	26.72%	3.177%
55	21.764	3178	3187	3193	rBV2	406406	977839	49.47%	5.882%
56	21.817	3193	3196	3204	rVB	148980	237484	12.02%	1.429%
57	22.593	3324	3328	3338	rBV9	41292	101745	5.15%	0.612%
58	23.662	3505	3510	3518	rVB5	54226	117605	5.95%	0.707%
59	24.020	3564	3571	3580	rBV3	113282	409715	20.73%	2.465%
60	24.208	3597	3603	3611	rBV7	52058	132993	6.73%	0.800%
61	24.772	3692	3699	3709	rVB	74025	223644	11.31%	1.345%
62	24.925	3716	3725	3736	rVB2	109437	355621	17.99%	2.139%
63	25.078	3742	3751	3760	rBV2	204233	632475	32.00%	3.805%
64	26.294	3955	3958	3971	rVB4	46357	122111	6.18%	0.735%

Sum of corrected areas: 16623218

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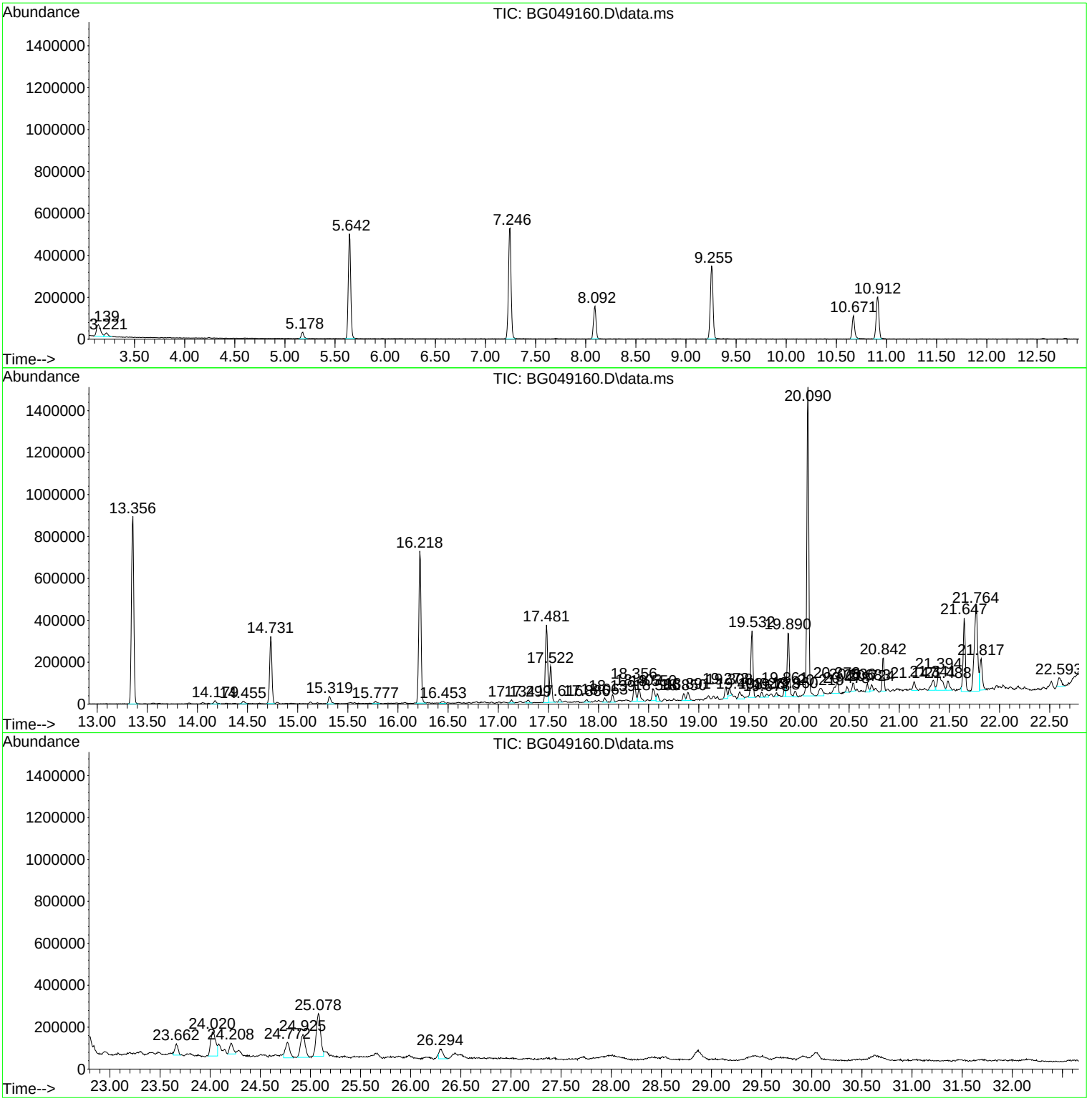
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-352

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.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\BG070121\
Data File : BG049160.D
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Operator : CG/JU
Sample : M2899-01
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Instrument : BNA_G
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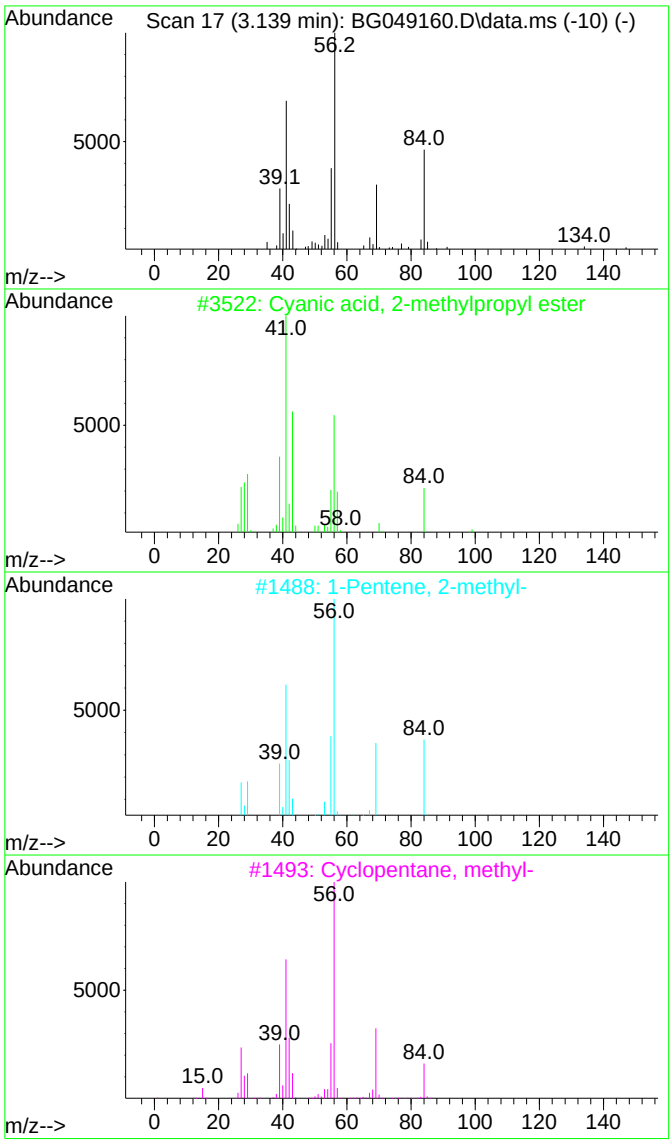
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

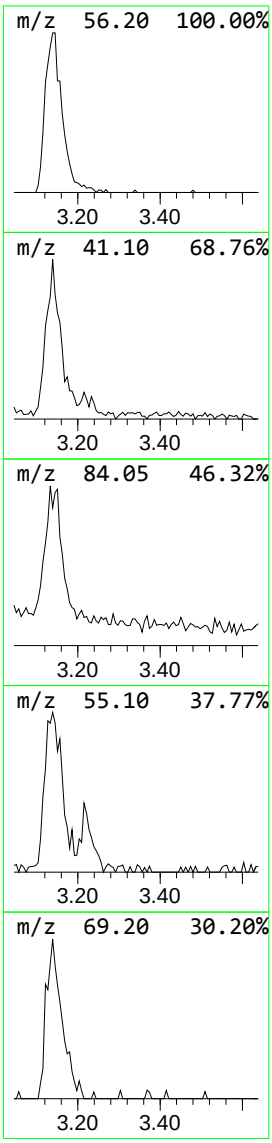
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyanic acid, 2-methylpropyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.139	11.88 ng	159408	1,4-Dichlorobenzene-d4	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
4	Cyclohexane	84	C6H12	000110-82-7	49
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

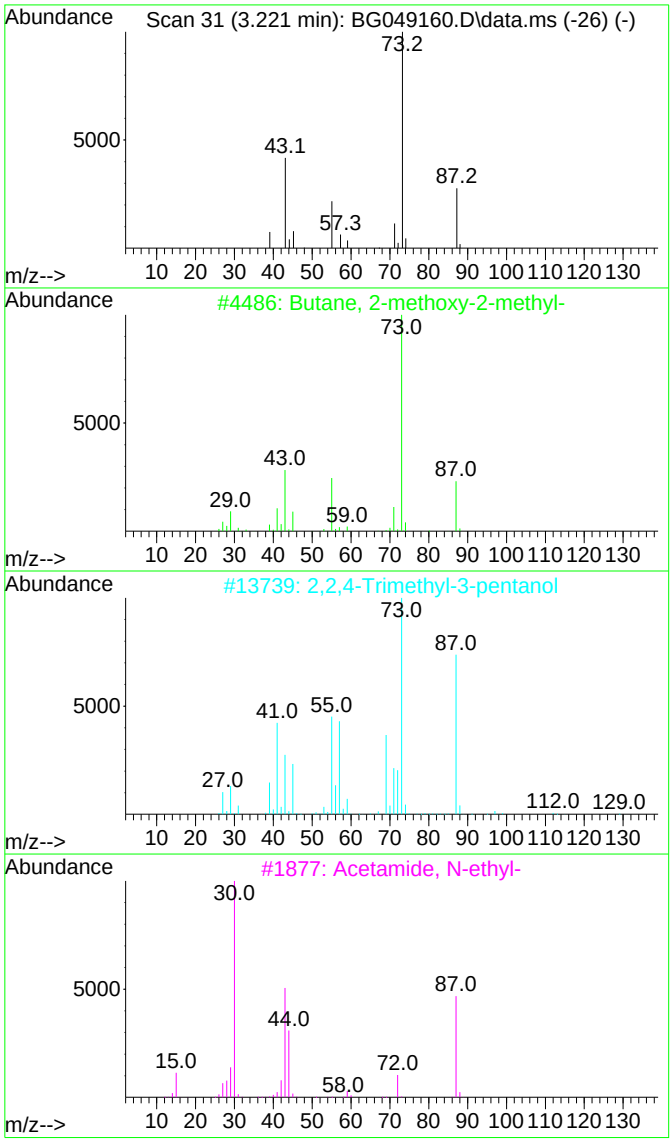
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

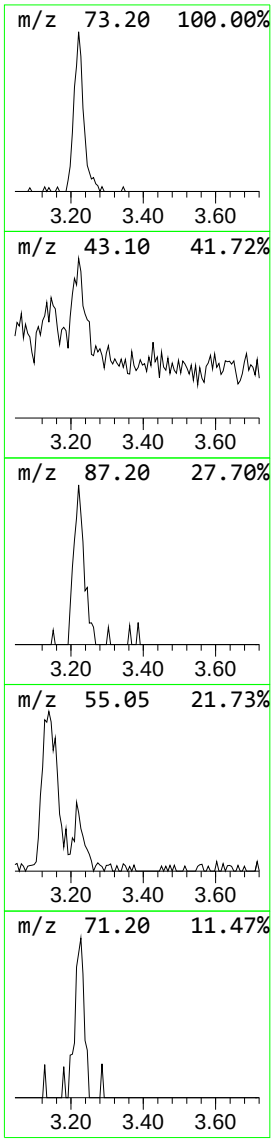
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.221	3.15 ng	42258	1,4-Dichlorobenzene-d4	8.092

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	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	7





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Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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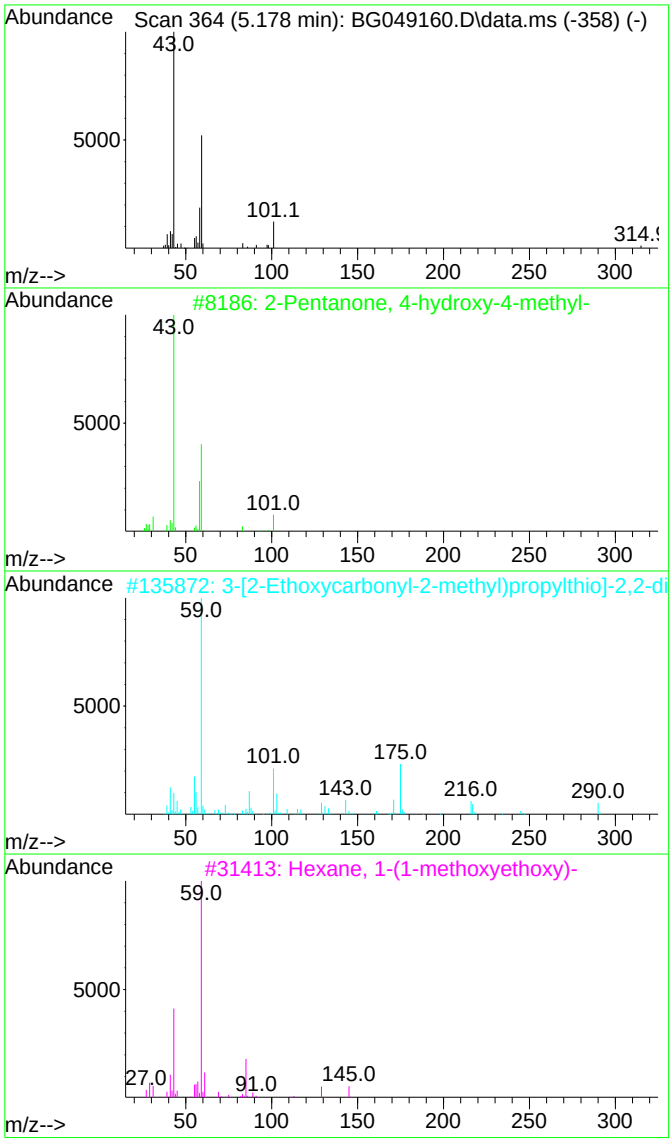
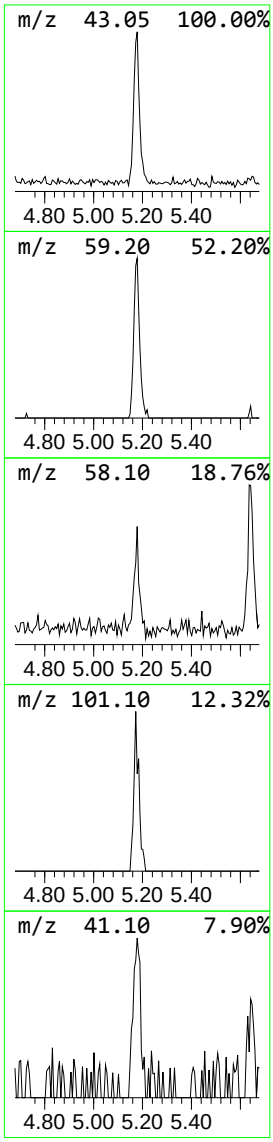
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.178	4.01 ng	53776	1,4-Dichlorobenzene-d4	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-[2-Ethoxycarbonyl-2-methyl)pro...	290	C14H26O4S	021153-32-2	28
3	Hexane, 1-(1-methoxyethoxy)-	160	C9H20O2	054340-90-8	17
4	2-Octanol, 2-methyl-	144	C9H20O	000628-44-4	17
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
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Sample : M2899-01
Misc :
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Instrument : BNA_G
ClientSampleId : ETGI-352

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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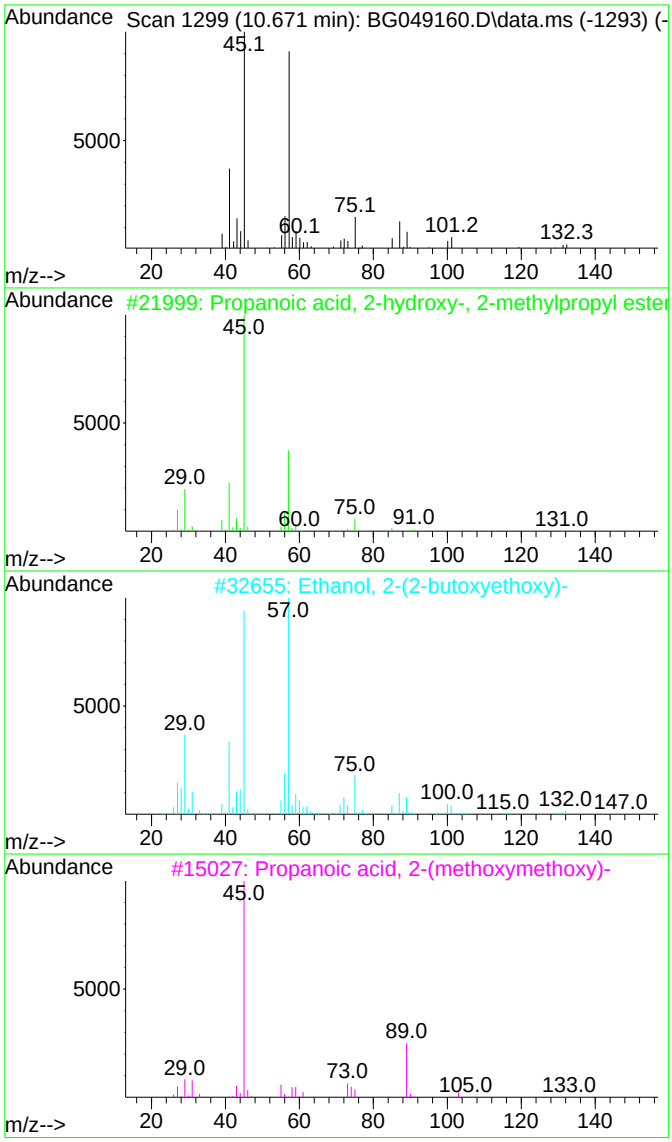
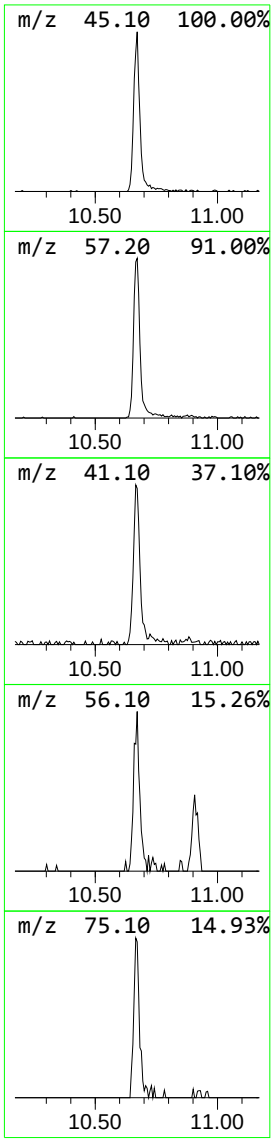
****
Peak Number 4 Propanoic acid, 2-hydroxy-,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.671	10.16 ng	194656	Naphthalene-d8	10.912

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
3	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	47
4	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	47
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	45





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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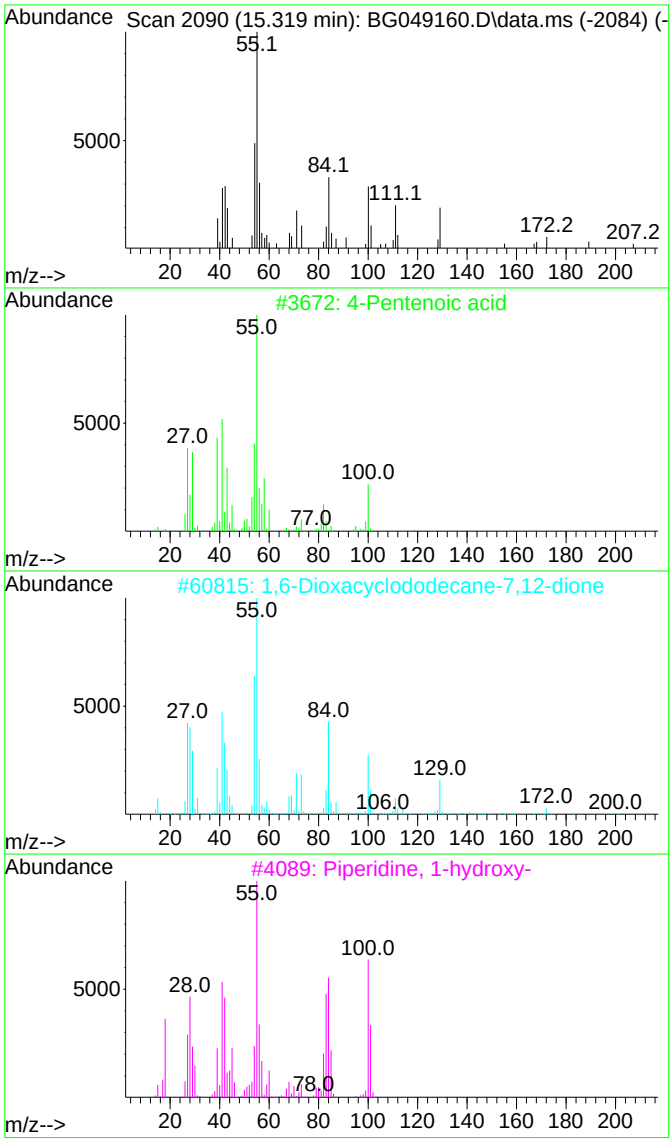
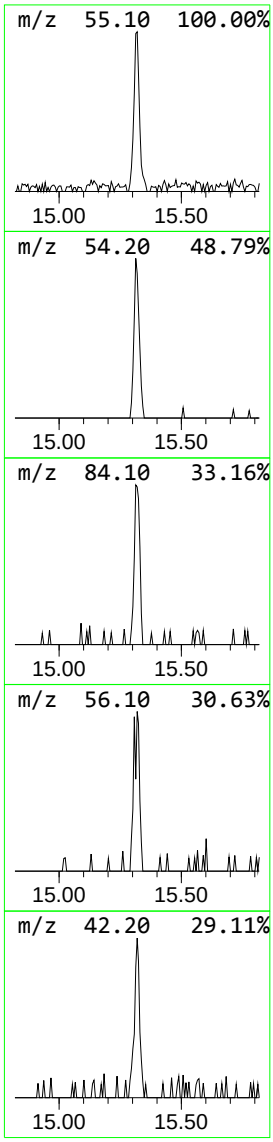
****
Peak Number 5 unknown15.139 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.319	2.54 ng	64893	Acenaphthene-d10	14.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid	100	C5H8O2	000591-80-0	49
2	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	40
3	Piperidine, 1-hydroxy-	101	C5H11NO	004801-58-5	35
4	Tricyclohexanone triperoxide	300	C15H24O6	1000357-14-9	27
5	6-Tridecanol	200	C13H28O	005770-03-6	23





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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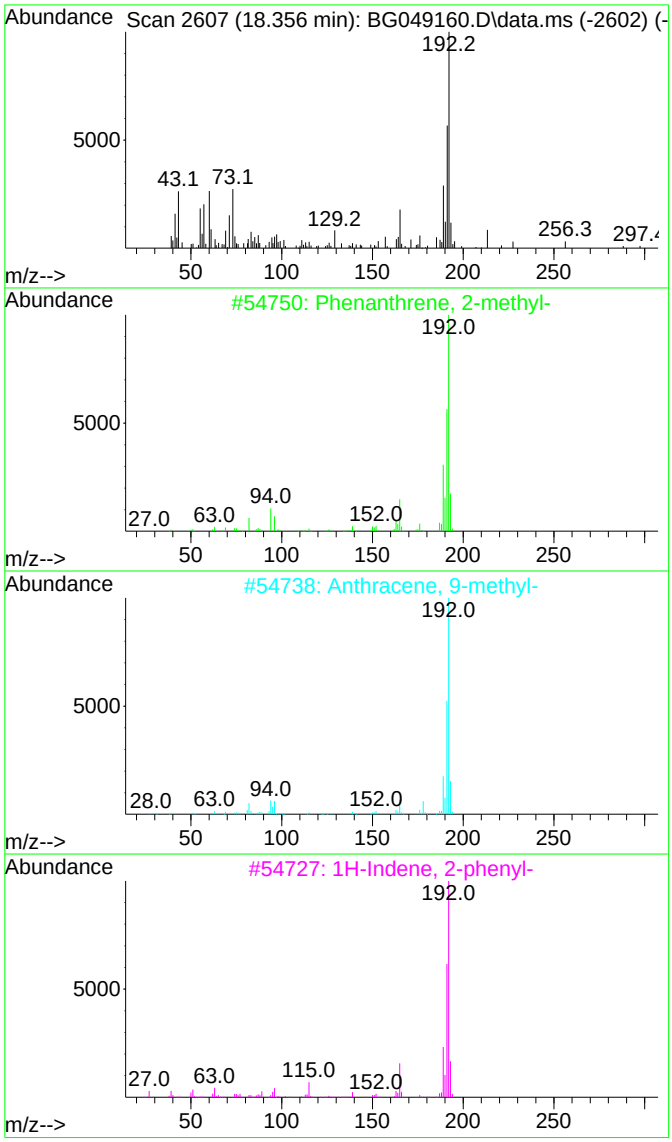
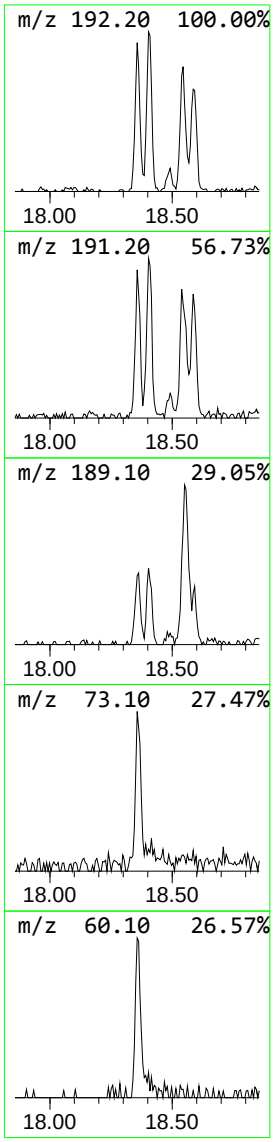
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	4.80 ng	140156	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70





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Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

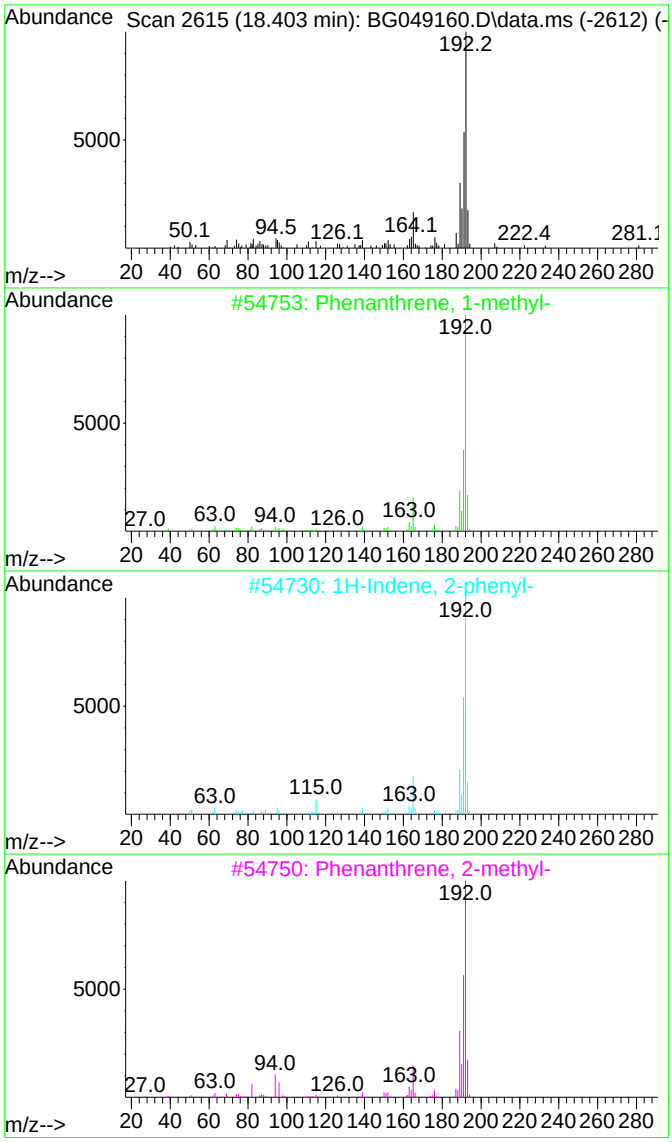
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

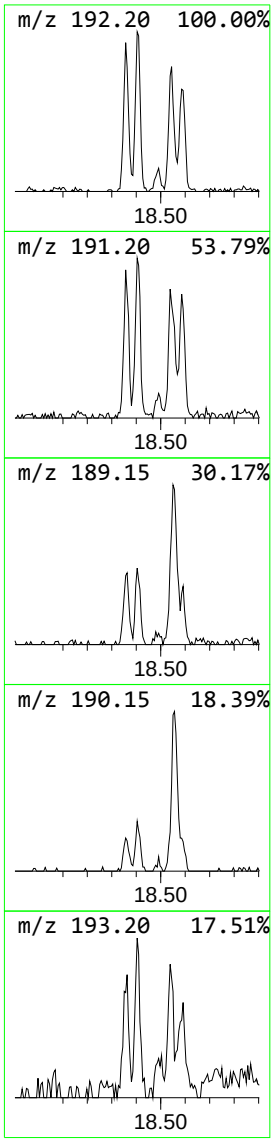
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	3.45 ng	100703	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

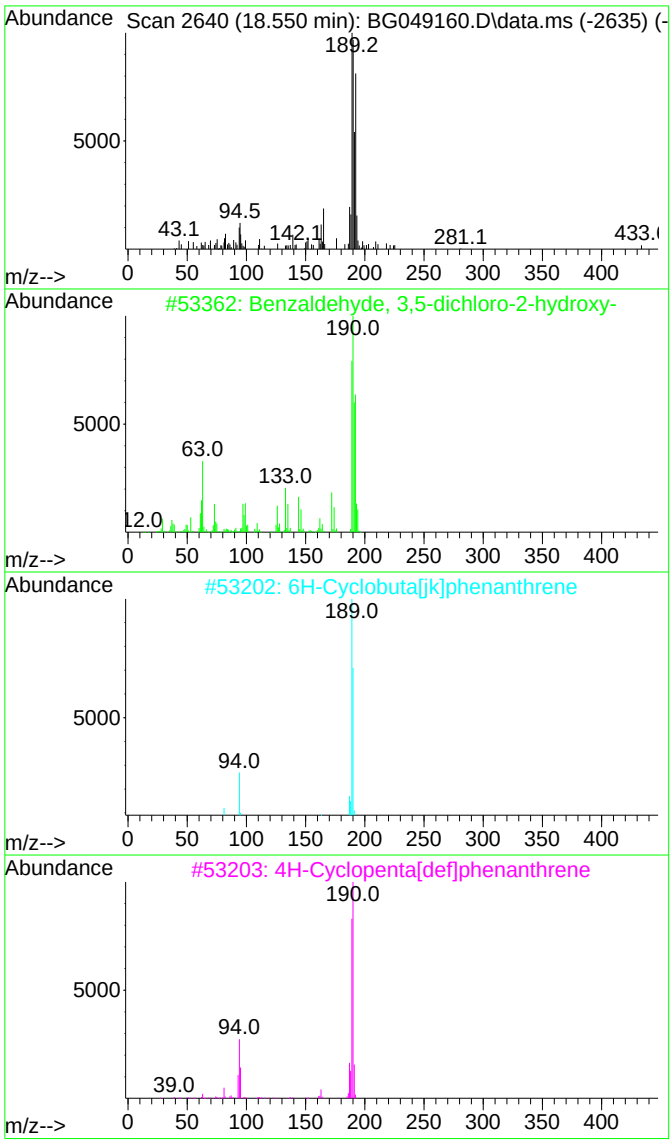
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

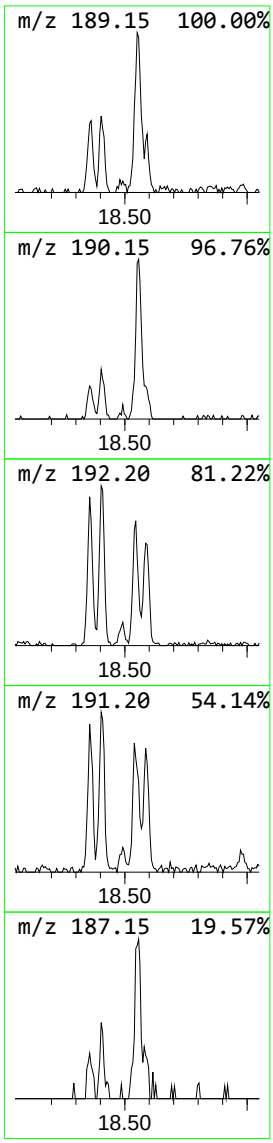
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.550	3.60 ng	104986	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

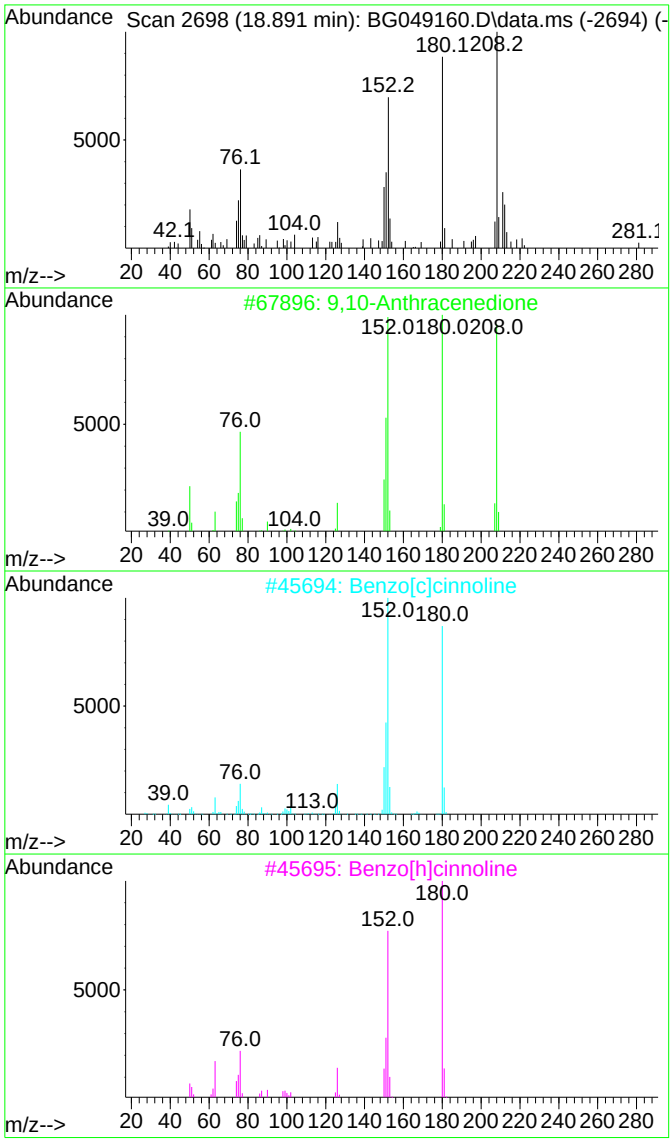
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

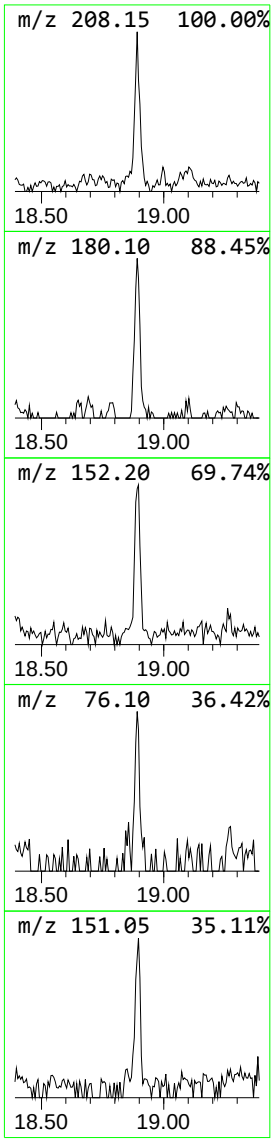
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.891	2.29 ng	66953	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	45
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	43
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	43
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	38





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Misc :
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Instrument : BNA_G
ClientSampleId : ETGI-352

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

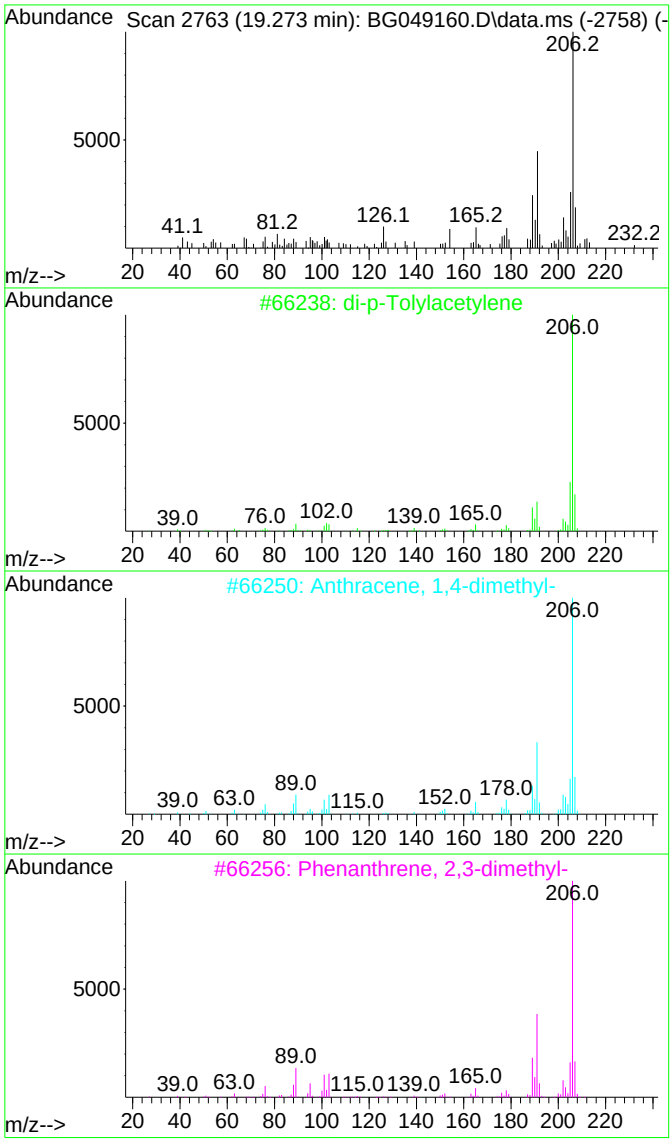
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

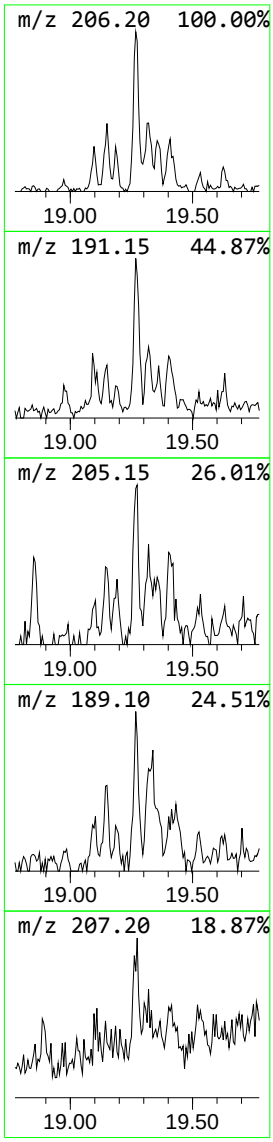
****

Peak Number 10 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.273	2.89 ng	84385	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-352

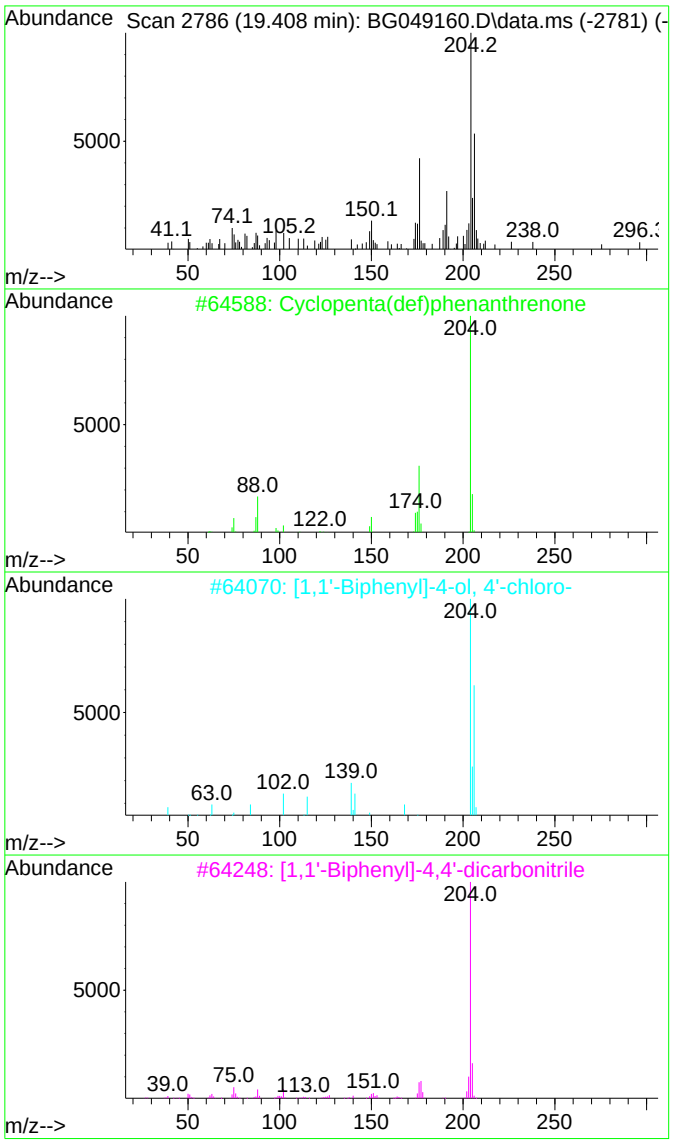
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

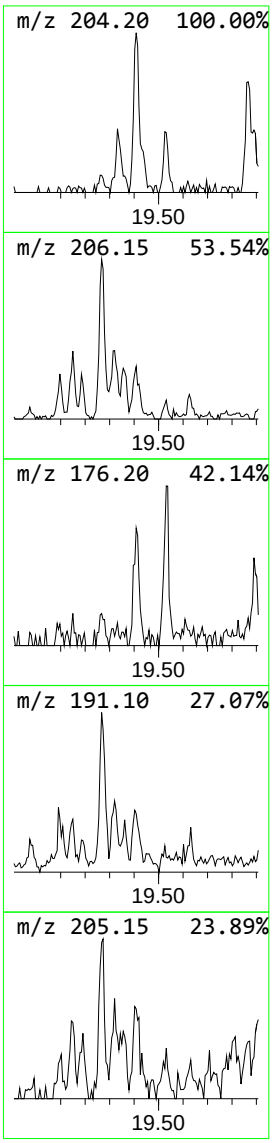
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.408	2.72 ng	79404	Phenanthrene-d10	17.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

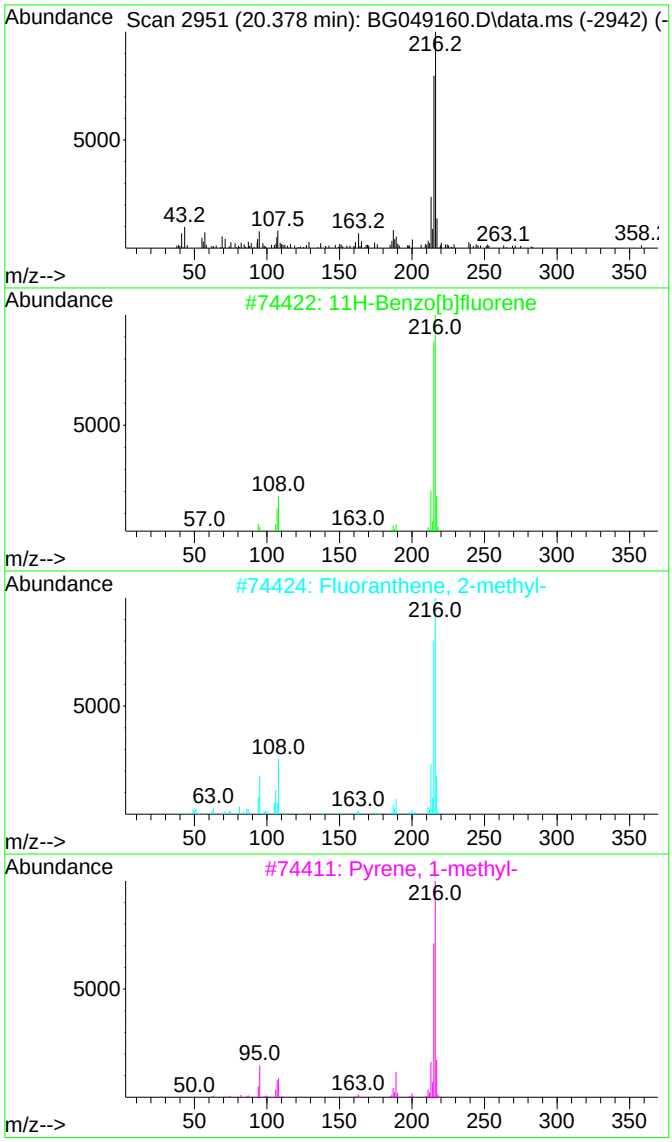
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

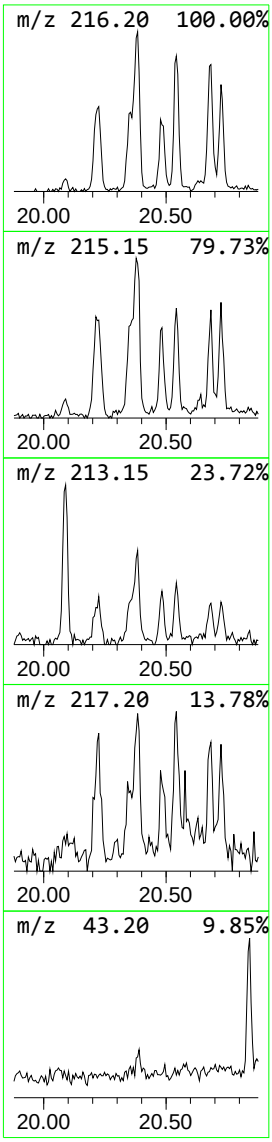
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.378	2.68 ng	130910	Chrysene-d12	21.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

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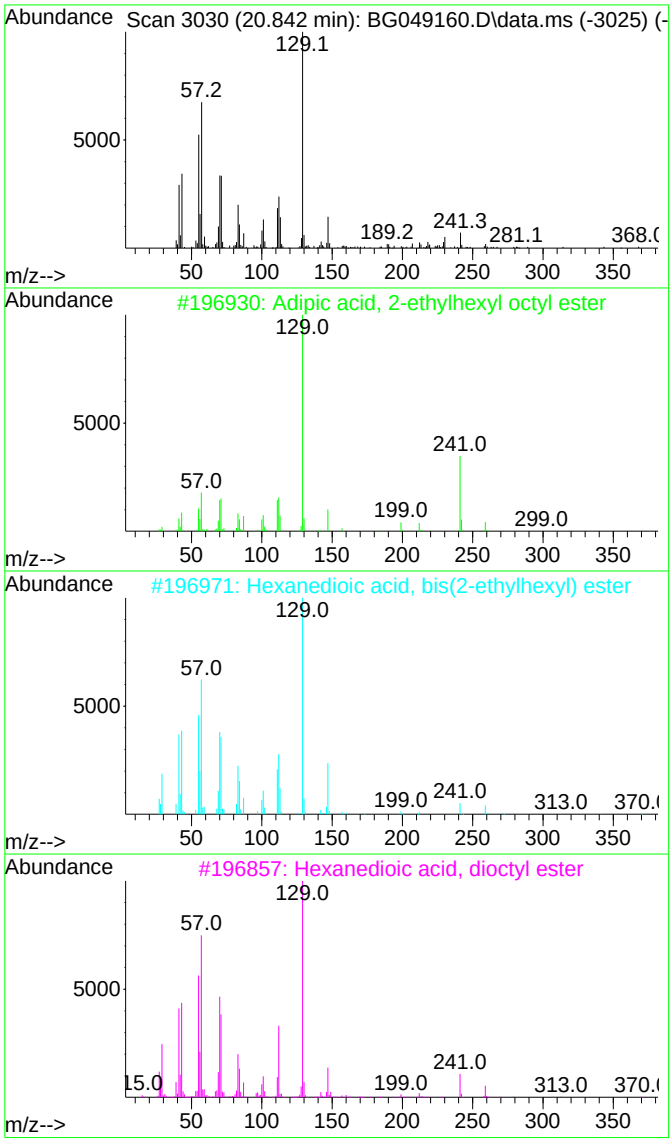
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

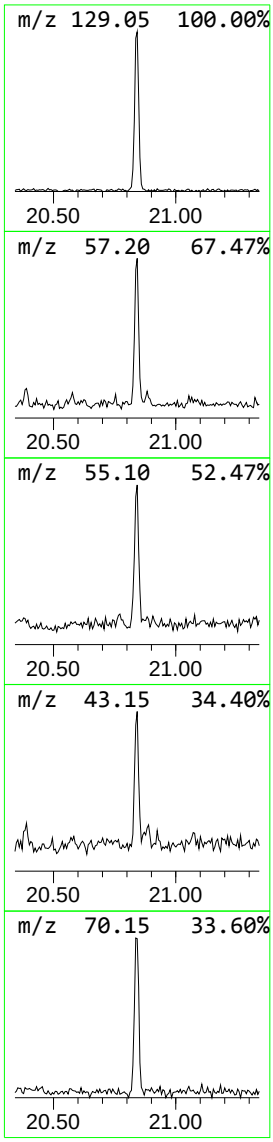
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Adipic acid, 2-ethylhexyl o... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.842	3.97 ng	194003	Chrysene-d12	21.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	64
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	58
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	53





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Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

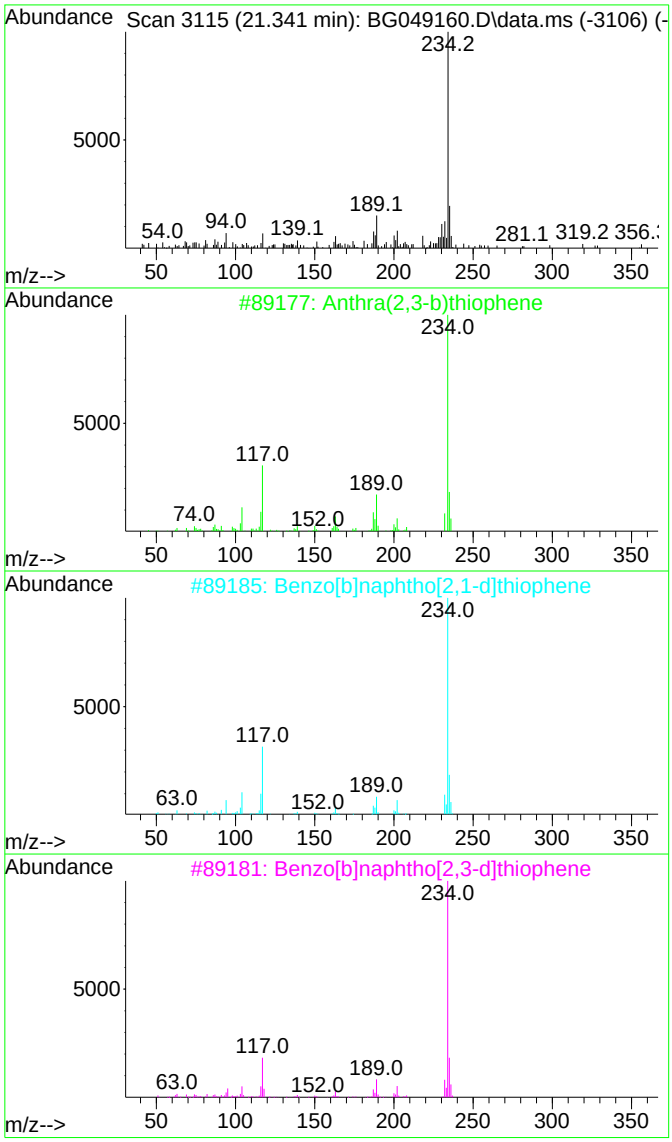
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

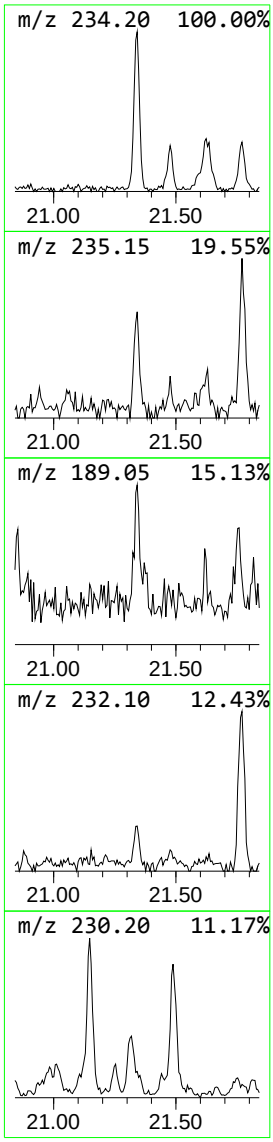
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthra(2,3-b)thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.341	2.37 ng	116091	Chrysene-d12	21.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	90





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Sample : M2899-01
Misc :
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Instrument : BNA_G
ClientSampleId : ETGI-352

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

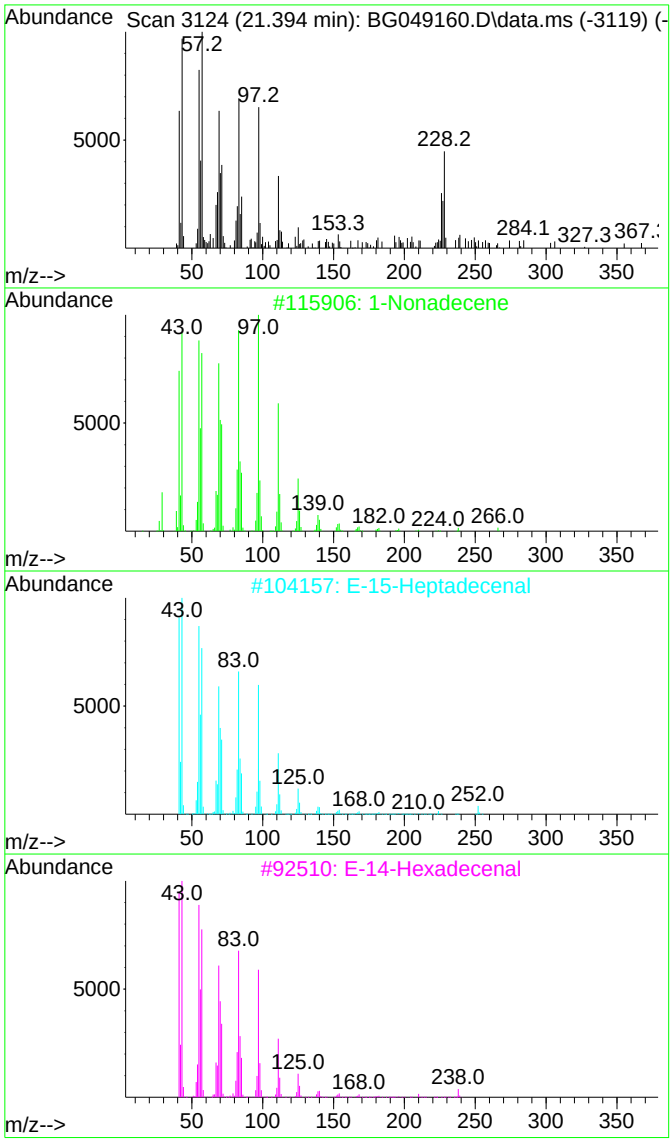
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

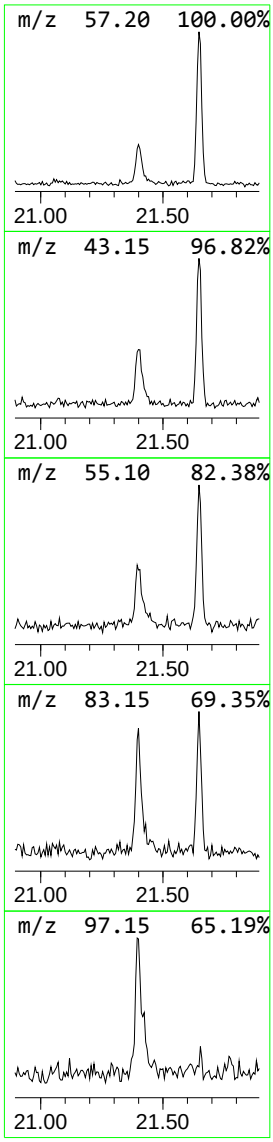
****

Peak Number 15 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.394	5.23 ng	255714	Chrysene-d12	21.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	83
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	78
4	1-Octadecene	252	C18H36	000112-88-9	62
5	1-Heptadecene	238	C17H34	006765-39-5	62





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Sample : M2899-01
Misc :
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Instrument : BNA_G
ClientSampleId : ETGI-352

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

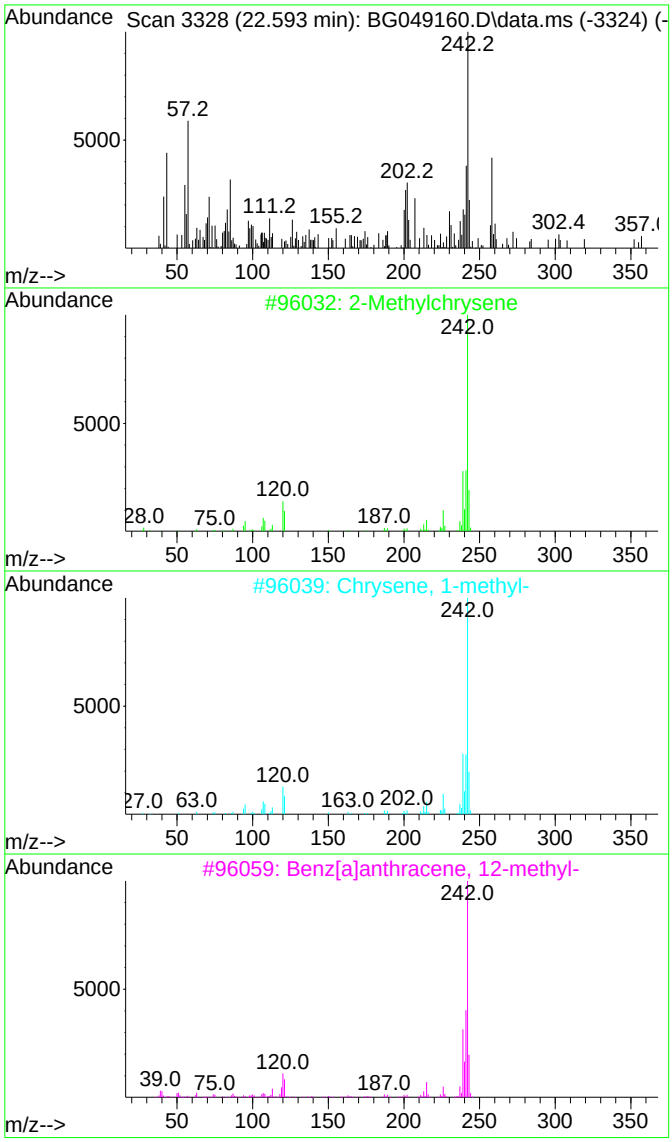
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

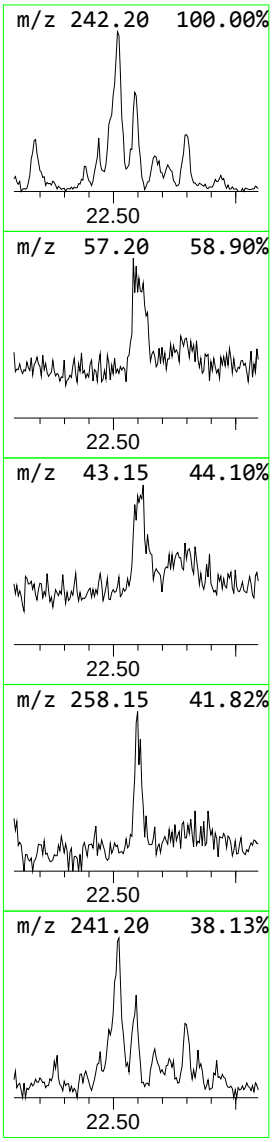
****

Peak Number 16 unknown22.593 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.593	2.08 ng	101745	Chrysene-d12	21.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	46
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	46
3	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	46
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	43
5	9H-Tribenzo[a,c,e]cycloheptene	242	C19H14	000213-10-5	43





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Instrument : BNA_G
ClientSampleId : ETGI-352

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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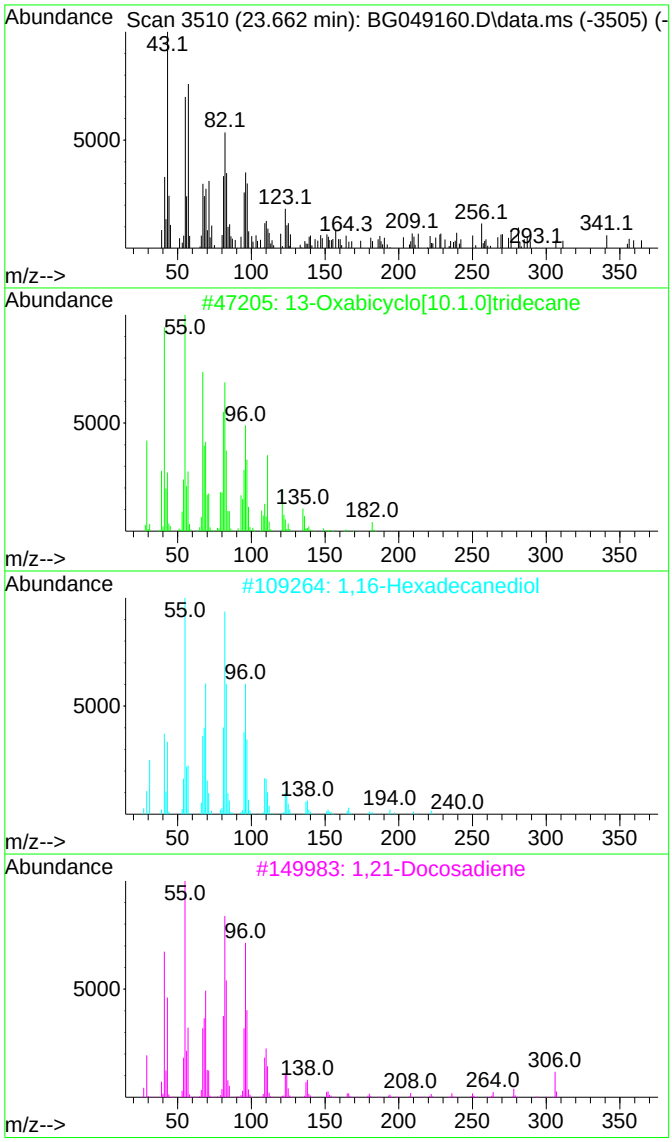
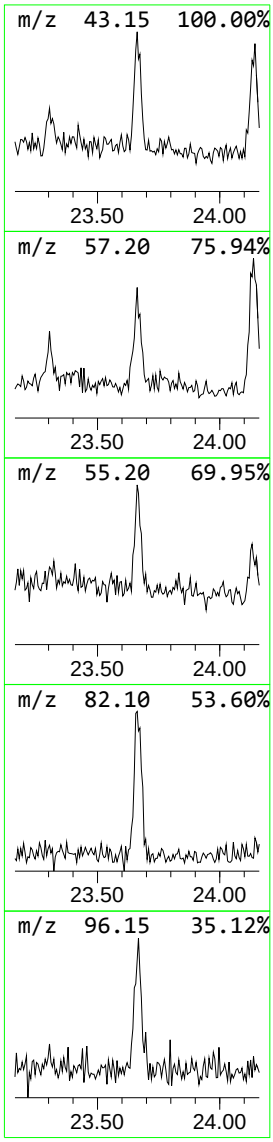
****
Peak Number 17 13-Oxabicyclo[10.1.0]tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.662	3.72 ng	117605	Perylene-d12	25.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	89
2	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68
3	1,21-Docosadiene	306	C22H42	053057-53-7	64
4	cis-11,12-Epoxytetradecen-1-ol	270	C16H30O3	1000130-82-5	64
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	60





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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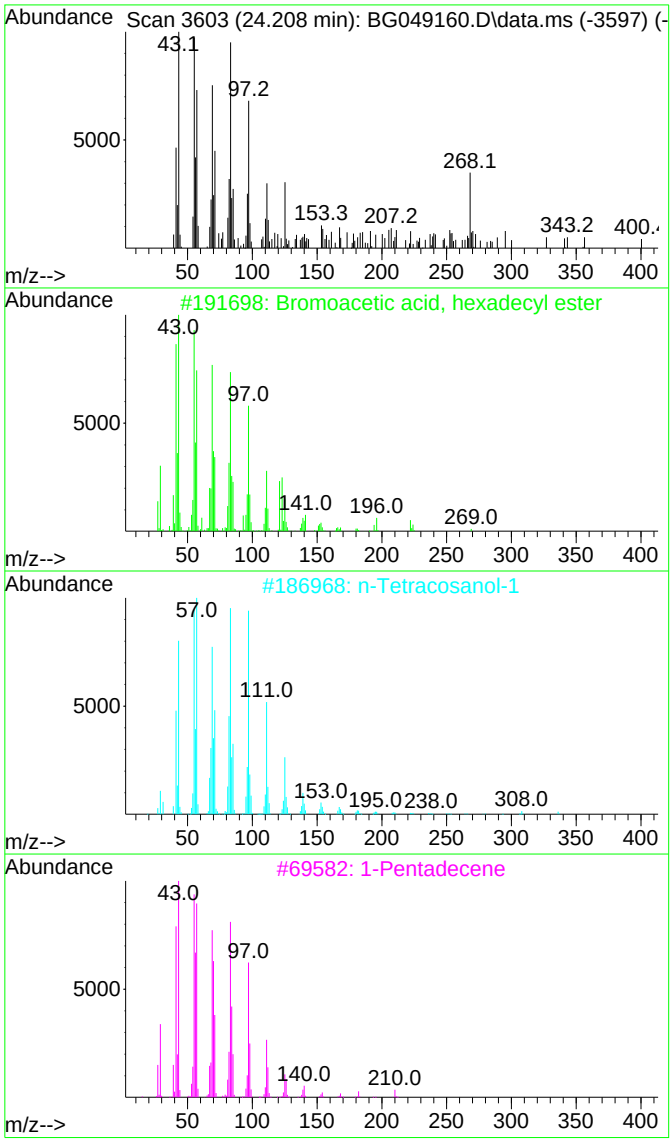
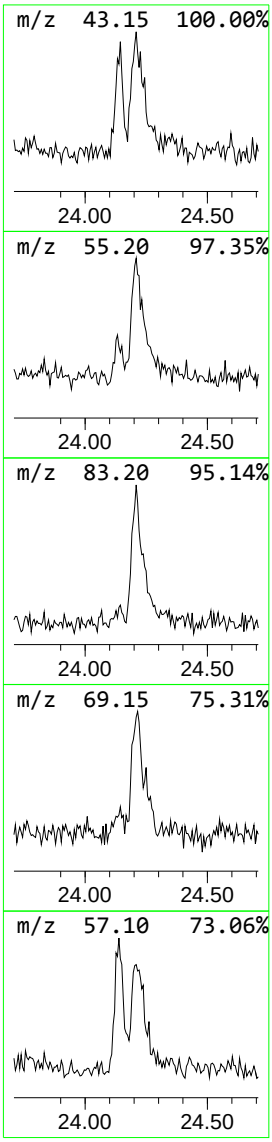
****
Peak Number 18 Bromoacetic acid, hexadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.208	4.21 ng	132993	Perylene-d12	25.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	80
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
3	1-Pentadecene	210	C15H30	013360-61-7	72
4	1-Octadecene	252	C18H36	000112-88-9	64
5	1-Heptacosanol	396	C27H56O	002004-39-9	64





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Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

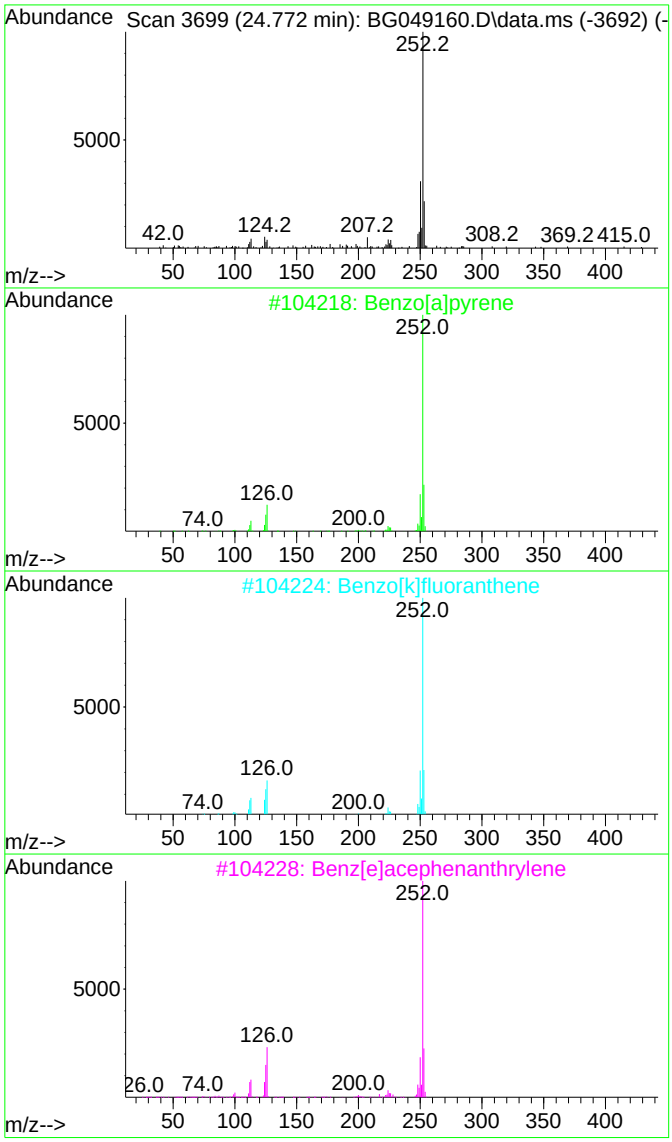
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

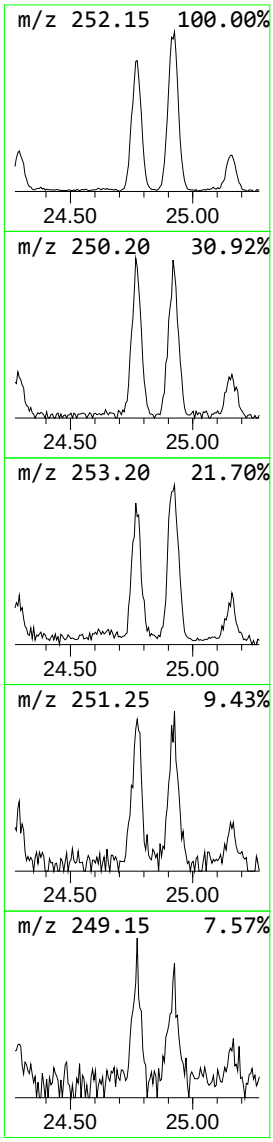
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.773	7.07 ng	223644	Perylene-d12	25.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
4	Benzo[e]pyrene	252	C20H12	000192-97-2	72
5	Benzo[b]naphtho[2,3-d]thiophene,...	252	C17H16S	024964-04-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

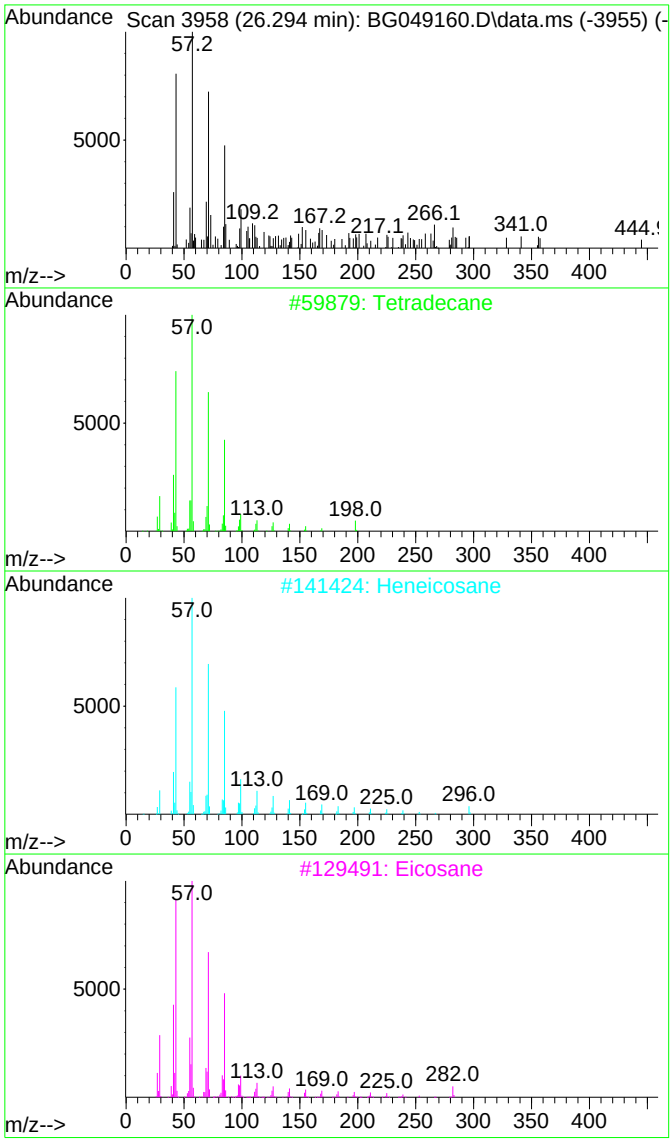
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

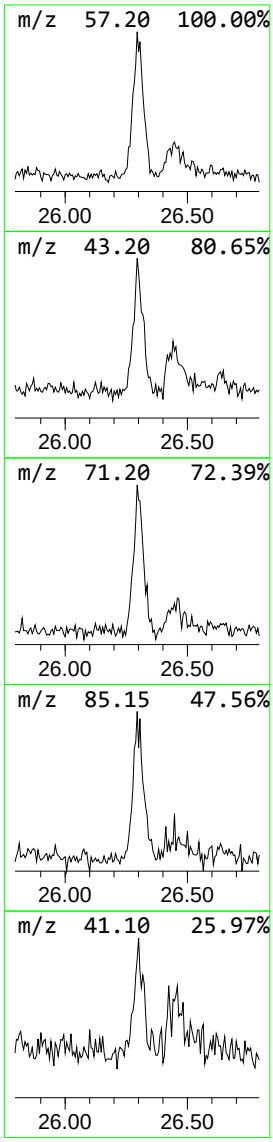
****

Peak Number 20 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.294	3.86 ng	122111	Perylene-d12	25.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Heneicosane	296	C21H44	000629-94-7	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexadecane	226	C16H34	000544-76-3	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049160.D
Acq On : 1 Jul 2021 19:24
Operator : CG/JU
Sample : M2899-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-352

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.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
Cyanic acid, 2-...	3.139	11.9	ng	159408	1	8.092	268461	20.0
Butane, 2-metho...	3.221	3.1	ng	42258	1	8.092	268461	20.0
2-Pentanone, 4-...	5.178	4.0	ng	53776	1	8.092	268461	20.0
Propanoic acid,...	10.671	10.2	ng	194656	2	10.912	383071	20.0
unknown15.139	15.319	2.5	ng	64893	3	14.731	510081	20.0
Phenanthrene, 2...	18.357	4.8	ng	140156	4	17.481	583925	20.0
Phenanthrene, 1...	18.404	3.5	ng	100703	4	17.481	583925	20.0
Benzaldehyde, 3...	18.550	3.6	ng	104986	4	17.481	583925	20.0
9,10-Anthracene...	18.891	2.3	ng	66953	4	17.481	583925	20.0
di-p-Tolylacety...	19.273	2.9	ng	84385	4	17.481	583925	20.0
Cyclopenta(def)...	19.408	2.7	ng	79404	4	17.481	583925	20.0
11H-Benzo[b]flu...	20.378	2.7	ng	130910	5	21.770	977839	20.0
Adipic acid, 2-...	20.842	4.0	ng	194003	5	21.770	977839	20.0
Anthra(2,3-b)th...	21.341	2.4	ng	116091	5	21.770	977839	20.0
1-Nonadecene	21.394	5.2	ng	255714	5	21.770	977839	20.0
unknown22.593	22.593	2.1	ng	101745	5	21.770	977839	20.0
13-Oxabicyclo[1...	23.662	3.7	ng	117605	6	25.078	632475	20.0
Bromoacetic aci...	24.208	4.2	ng	132993	6	25.078	632475	20.0
Benzo[e]pyrene	24.773	7.1	ng	223644	6	25.078	632475	20.0
Tetradecane	26.294	3.9	ng	122111	6	25.078	632475	20.0