

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041366.D
 Acq On : 20 Jun 2019 20:54
 Operator : HP/JU
 Sample : K3455-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-GIS

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BG061719.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	3.147	5	10	21	rVB	156963	230638	14.64%	1.315%
2	4.616	256	260	264	rVB	15364	20423	1.30%	0.116%
3	5.621	425	431	443	rBV	525910	857091	54.41%	4.886%
4	7.125	684	687	691	rVB2	12072	16773	1.06%	0.096%
5	7.236	699	706	721	rBV	571503	1053223	66.87%	6.004%
6	7.612	763	770	782	rVB	547164	990628	62.89%	5.648%
7	8.082	843	850	859	rBV	161226	282698	17.95%	1.612%
8	8.406	897	905	913	rBV	420983	738916	46.91%	4.213%
9	9.263	1043	1051	1063	rBV	354604	674109	42.80%	3.843%
10	10.903	1323	1330	1338	rBV	202759	389384	24.72%	2.220%
11	13.335	1738	1744	1753	rBV	866472	1359713	86.32%	7.752%
12	14.034	1857	1863	1868	rBV5	11725	19085	1.21%	0.109%
13	14.158	1879	1884	1892	rBV	91236	138535	8.80%	0.790%
14	14.445	1928	1933	1943	rBV	22654	46025	2.92%	0.262%
15	14.722	1973	1980	1986	rBV2	341773	544793	34.59%	3.106%
16	15.109	2041	2046	2052	rVV4	14885	28025	1.78%	0.160%
17	15.180	2054	2058	2063	rVB3	12036	15883	1.01%	0.091%
18	15.327	2078	2083	2086	rBV5	9741	18665	1.18%	0.106%
19	15.497	2104	2112	2113	rBV7	7316	17830	1.13%	0.102%
20	15.591	2123	2128	2133	rBV7	9938	16989	1.08%	0.097%
21	15.762	2151	2157	2164	rVB5	15064	35545	2.26%	0.203%
22	16.049	2202	2206	2215	rVB	20492	31673	2.01%	0.181%
23	16.208	2227	2233	2240	rBV	746364	1157831	73.51%	6.601%
24	16.766	2323	2328	2333	rVB6	15643	28465	1.81%	0.162%
25	16.990	2361	2366	2369	rBV4	19217	27491	1.75%	0.157%
26	17.125	2383	2389	2393	rBV3	24460	44429	2.82%	0.253%
27	17.183	2394	2399	2406	rVB5	19917	48434	3.07%	0.276%
28	17.283	2412	2416	2423	rVB2	21739	36312	2.31%	0.207%
29	17.465	2441	2447	2451	rBV2	409443	649921	41.26%	3.705%
30	17.507	2451	2454	2462	rVB	386424	567156	36.01%	3.233%
31	17.601	2465	2470	2477	rVV	86246	132969	8.44%	0.758%
32	17.971	2531	2533	2538	rVB	15890	21888	1.39%	0.125%
33	18.053	2544	2547	2553	rVB7	17858	24865	1.58%	0.142%
34	18.317	2588	2592	2594	rBV2	106328	148980	9.46%	0.849%

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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

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35	18.388	2600	2604	2610	rVB	112712	161587	10.26%	0.921%
36	18.470	2614	2618	2623	rVB2	44578	64635	4.10%	0.368%
37	18.541	2623	2630	2632	rBV2	88620	181800	11.54%	1.036%
38	18.829	2676	2679	2684	rVB	54907	72471	4.60%	0.413%
39	18.887	2685	2689	2693	rVB2	45163	60987	3.87%	0.348%
40	19.246	2745	2750	2753	rBV	55859	90338	5.74%	0.515%
41	19.516	2790	2796	2802	rBV	894866	1232623	78.26%	7.027%
42	19.663	2818	2821	2825	rBV	59752	78620	4.99%	0.448%
43	19.839	2847	2851	2853	rBV	131180	176648	11.21%	1.007%
44	19.880	2853	2858	2864	rVV	776059	1084879	68.88%	6.185%
45	19.939	2866	2868	2875	rVB2	60300	82057	5.21%	0.468%
46	20.062	2884	2889	2894	rBV	1250338	1575113	100.00%	8.980%
47	21.743	3168	3175	3180	rBV2	472579	1277696	81.12%	7.284%
48	21.796	3180	3184	3195	rVB	306182	594662	37.75%	3.390%
49	24.011	3556	3561	3569	rBV3	133339	391144	24.83%	2.230%

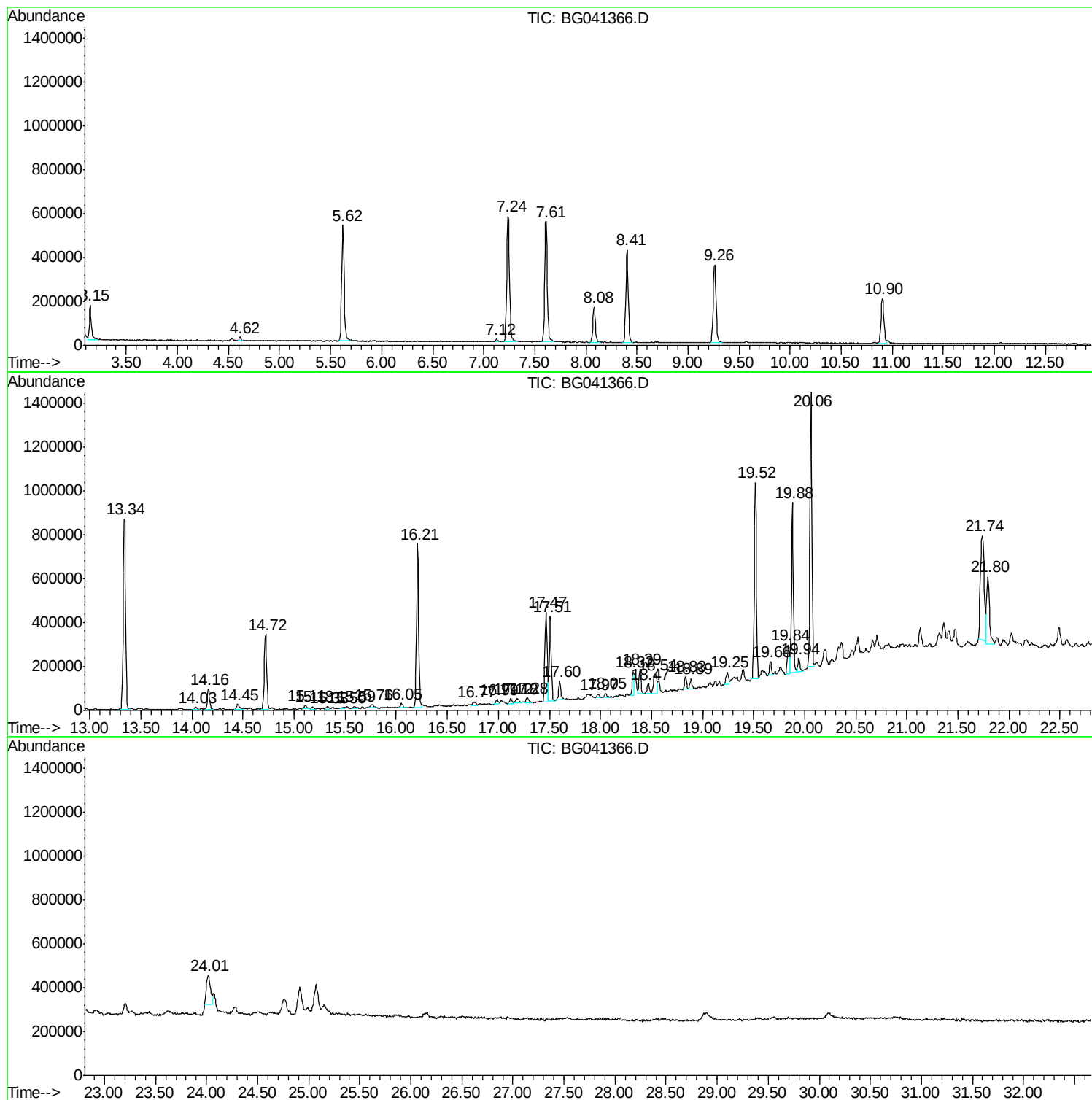
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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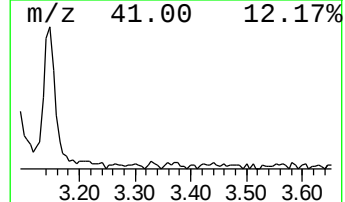
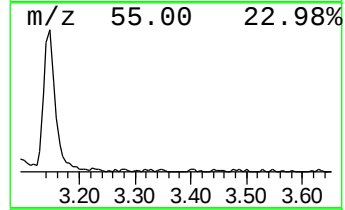
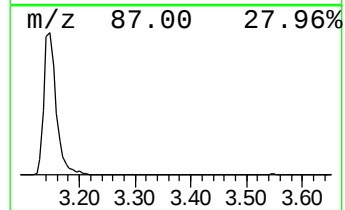
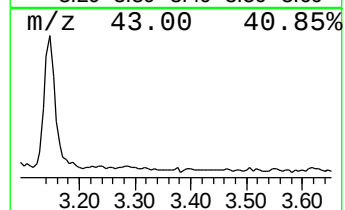
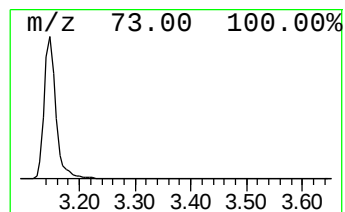
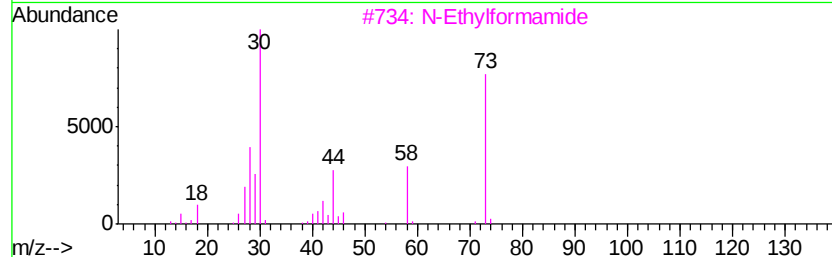
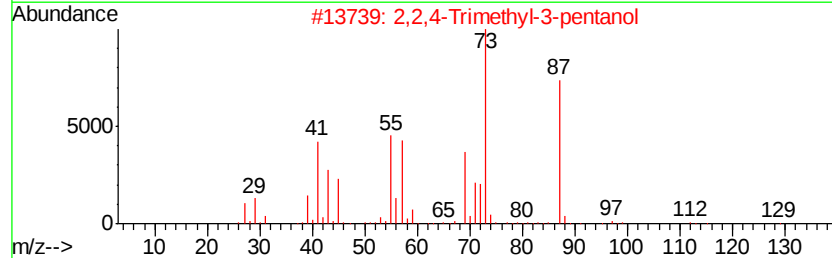
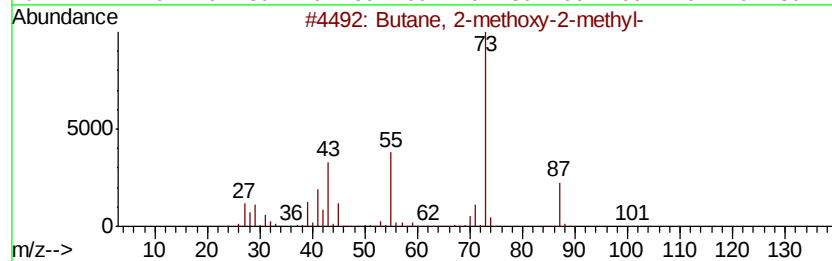
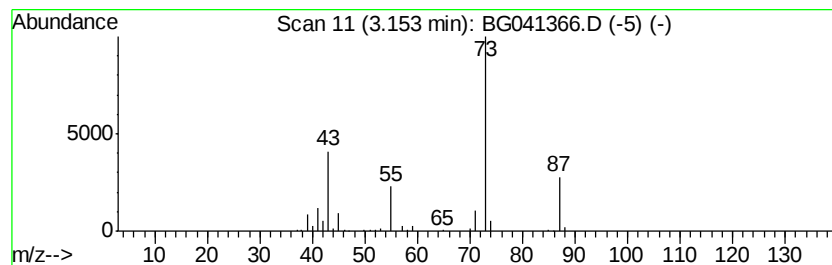
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	16.32 ng	230638	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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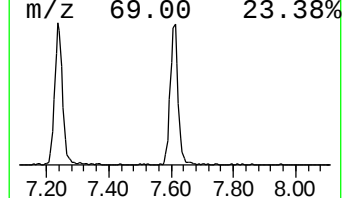
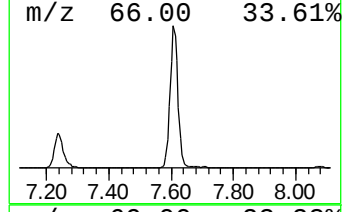
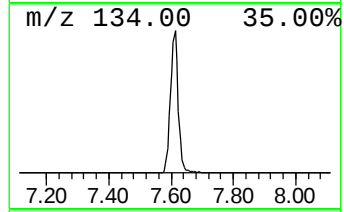
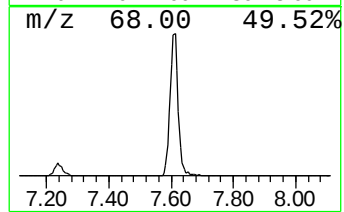
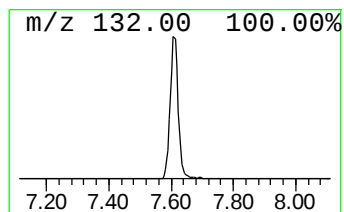
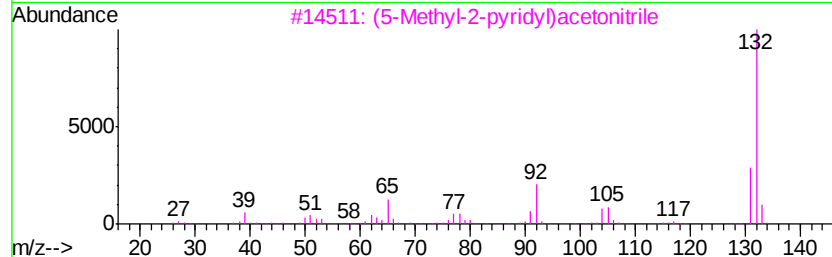
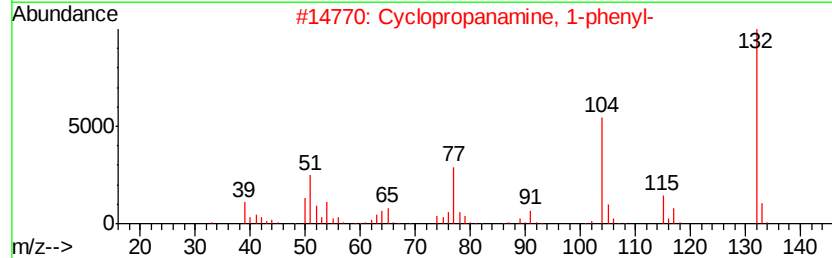
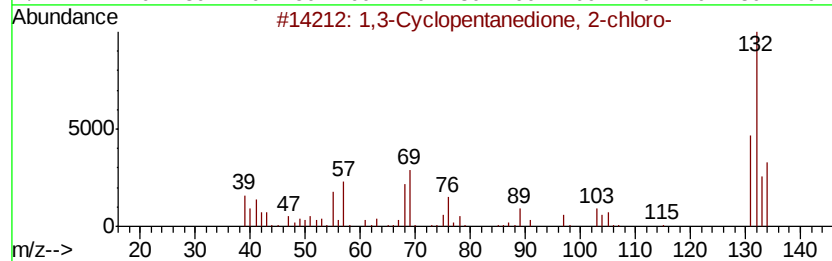
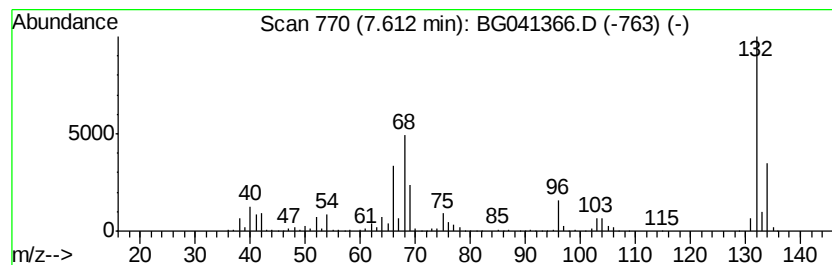
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	70.08 ng	990628	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Aminoindole	132	C8H8N2	005192-03-0	22



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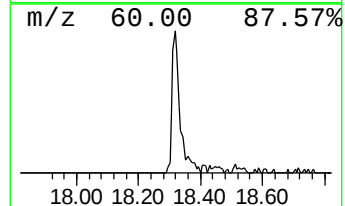
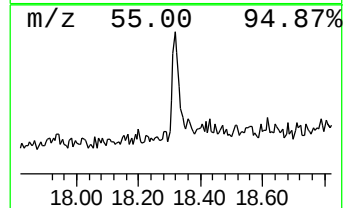
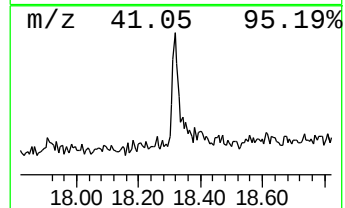
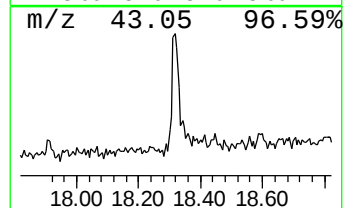
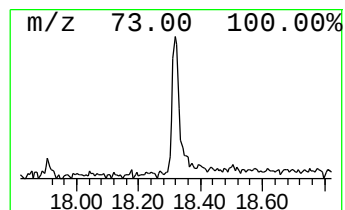
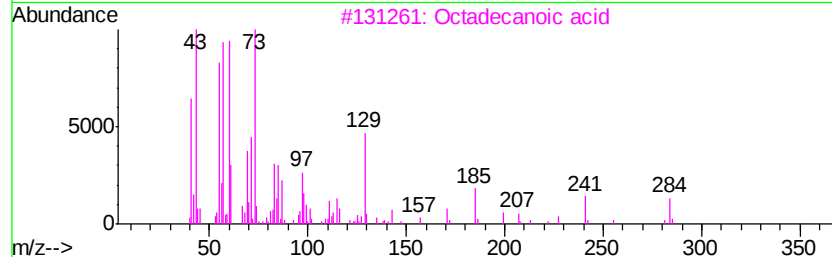
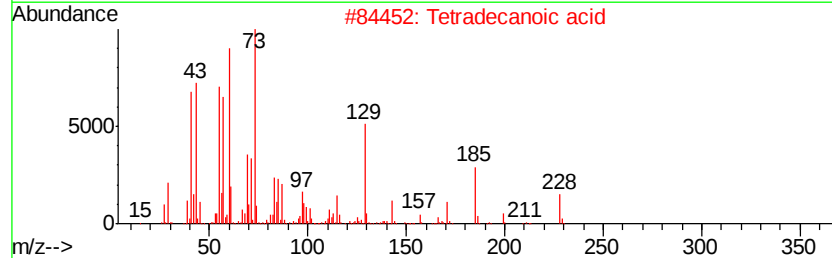
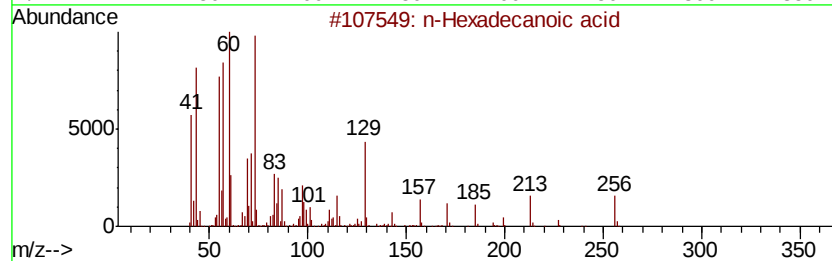
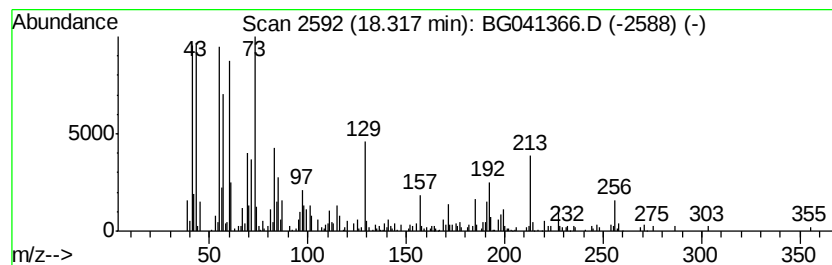
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.58 ng	148980	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	70
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	60



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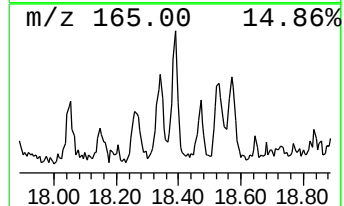
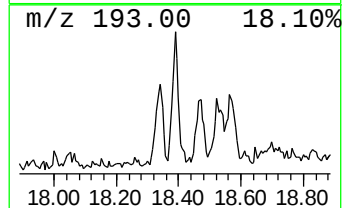
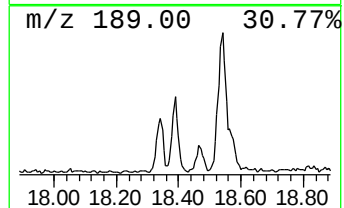
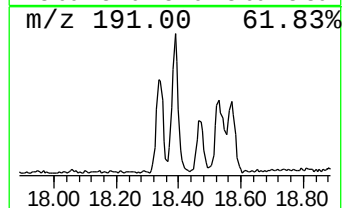
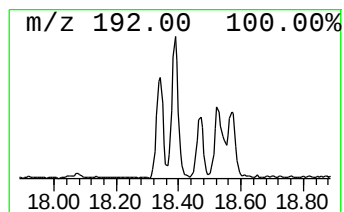
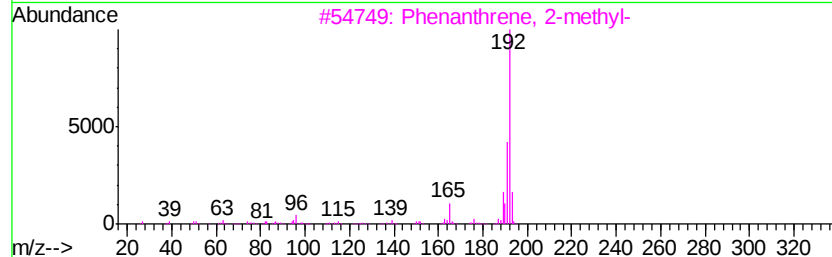
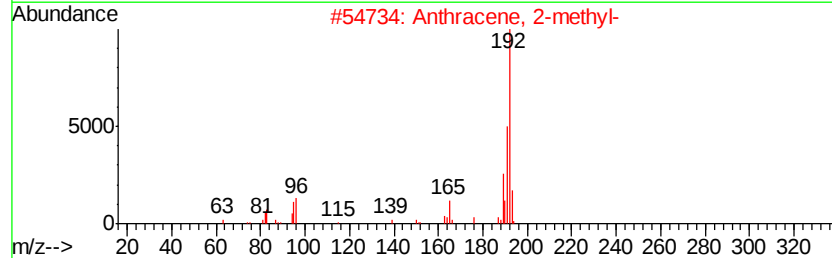
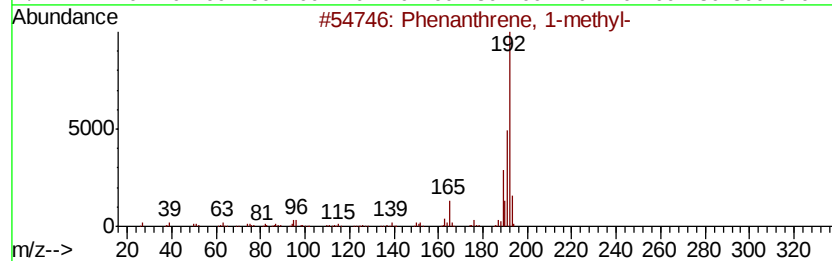
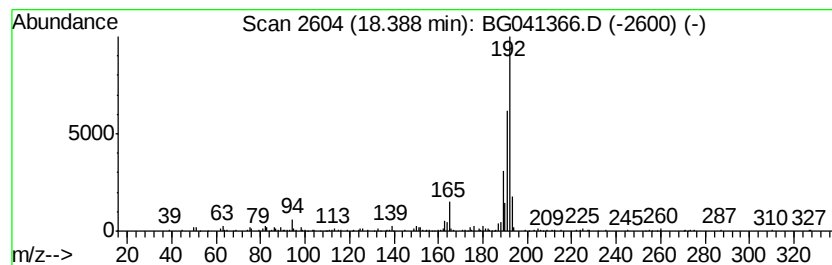
Instrument :
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.39	4.97 ng	161587	Phenanthrene-d10	17.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91



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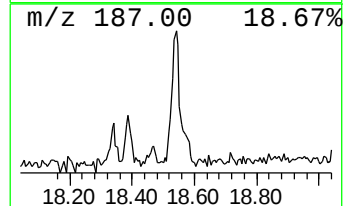
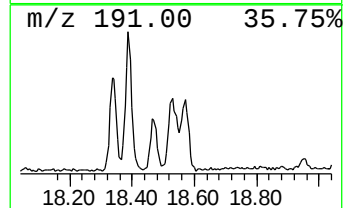
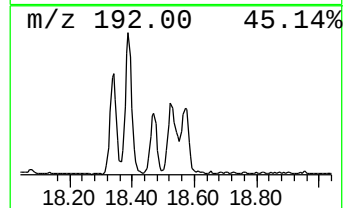
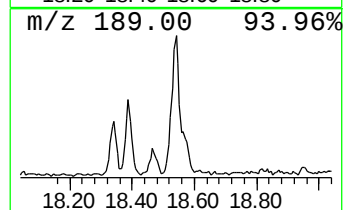
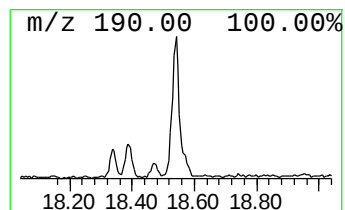
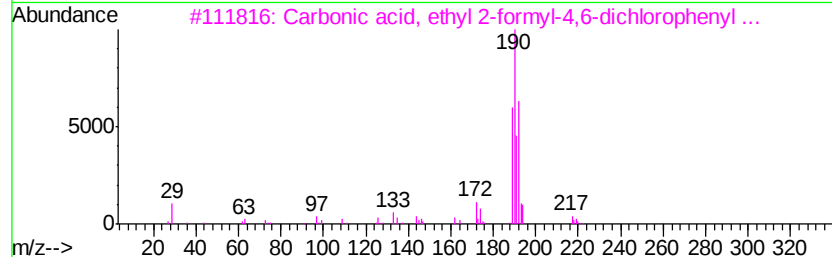
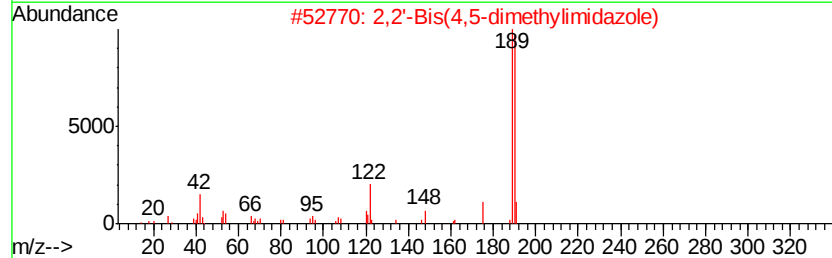
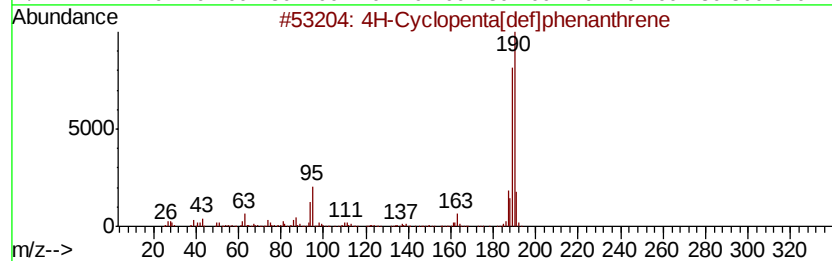
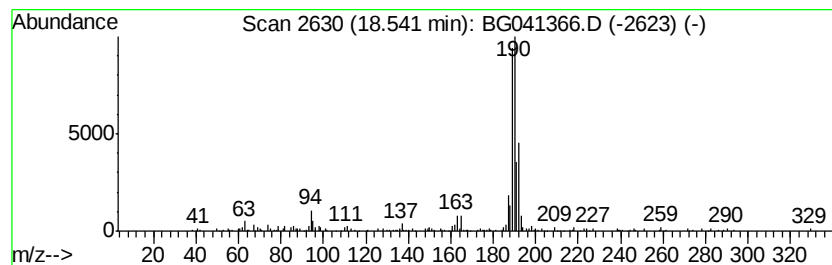
Instrument :
BNA_G
ClientSampleId :
TP-2-GIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.54	5.59 ng	181800	Phenanthrene-d10	17.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
5	1-Aminocyclopentanecarboxylic ac...	445	C24H44ClN04	1000329-17-5	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041366.D
Acq On : 20 Jun 2019 20:54
Operator : HP/JU
Sample : K3455-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2-GIS

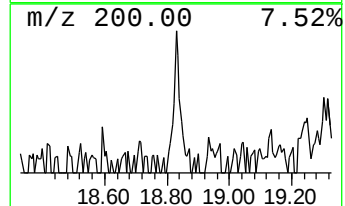
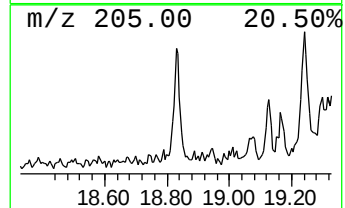
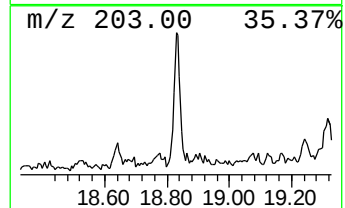
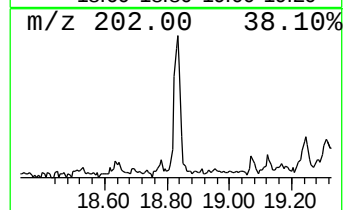
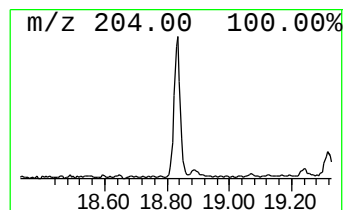
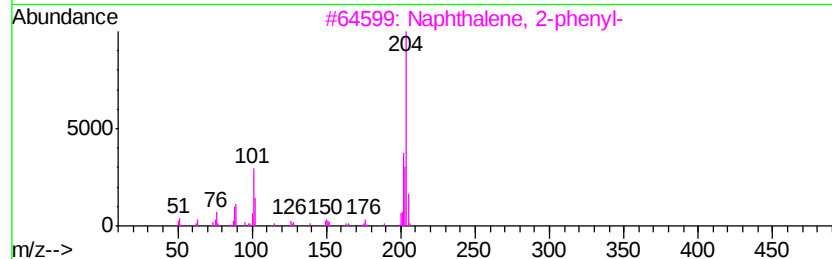
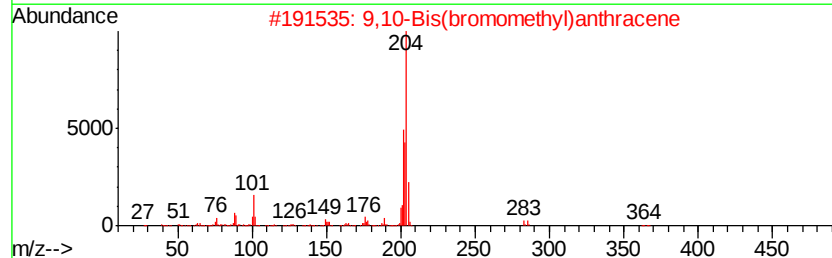
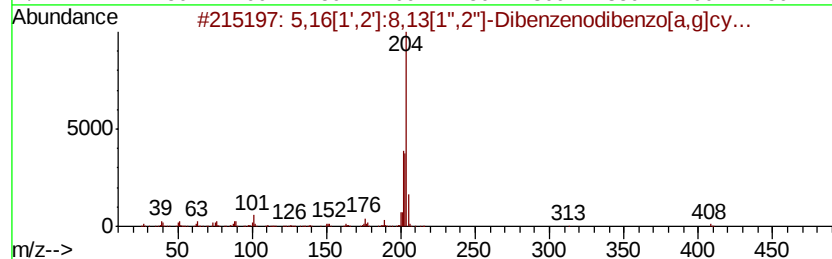
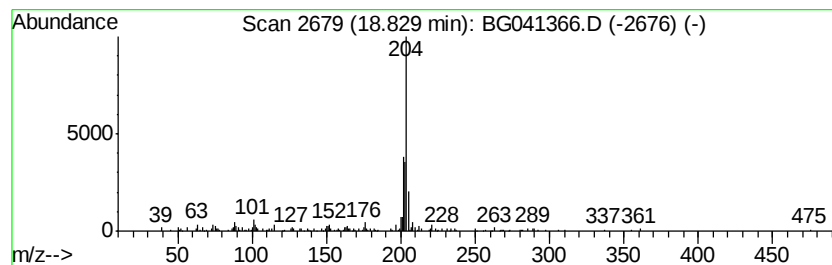
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.23 ng	72471	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual		
1	5,16	[1',2']	:8,13	[1'',2'']	-Dibenz...	408	C32H24	005672-97-9	87
2	9,10	-Bis(bromomethyl)	anthracene	362	C16H12Br2	034373-96-1	64		
3	Naphthalene,	2-phenyl-		204	C16H12	000612-94-2	58		
4	[1,1'-Biphenyl]-	2-ol,	5-chloro-	204	C12H9ClO	000607-12-5	50		
5	Naphthalene,	1-phenyl-		204	C16H12	000605-02-7	49		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
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Operator : HP/JU
Sample : K3455-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2-GIS

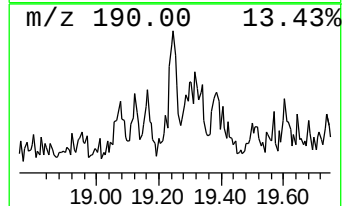
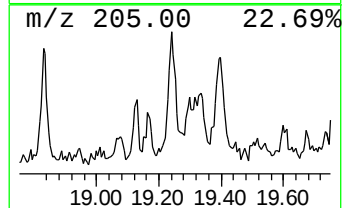
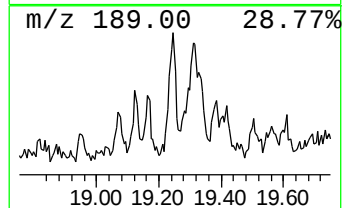
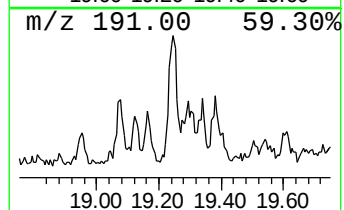
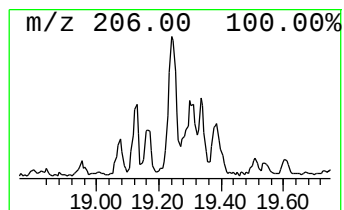
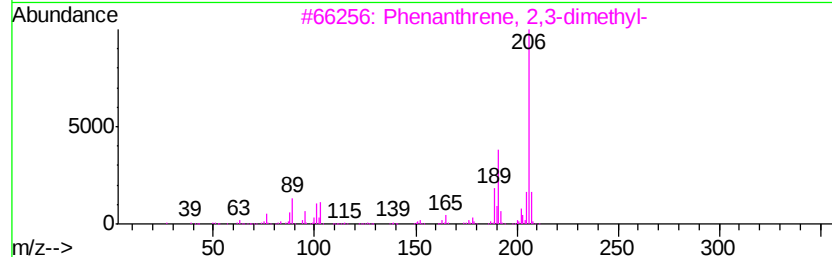
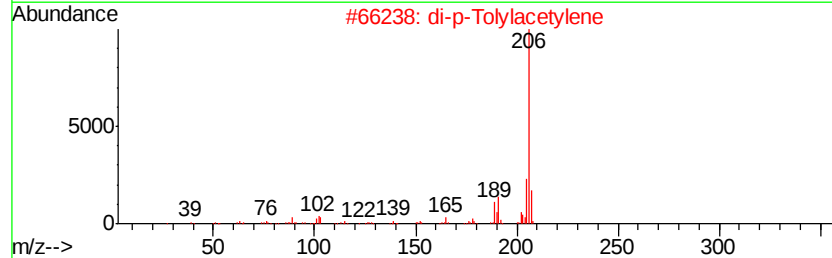
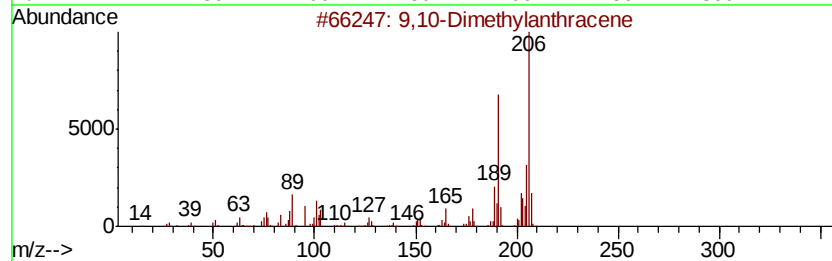
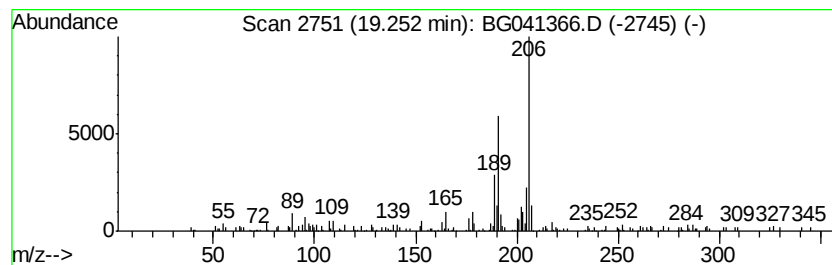
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.78 ng	90338	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2-GIS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	16.3	ng	230638	1	8.08	282698	20.0
unknown7.61	7.61	70.1	ng	990628	1	8.08	282698	20.0
n-Hexadecanoic acid	18.32	4.6	ng	148980	4	17.47	649921	20.0
Phenanthrene, 1-m...	18.39	5.0	ng	161587	4	17.47	649921	20.0
4H-Cyclopenta[def...	18.54	5.6	ng	181800	4	17.47	649921	20.0
5,16[1',2']:8,13[...	18.83	2.2	ng	72471	4	17.47	649921	20.0
9,10-Dimethylanth...	19.25	2.8	ng	90338	4	17.47	649921	20.0