

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041603.D
 Acq On : 3 Jul 2019 23:34
 Operator : HP/JU
 Sample : K3648-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1-CORE-HOLE-1

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-BG062619.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	4.675	266	270	275	rVB2	18037	26856	1.60%	0.224%
2	5.568	416	422	437	rBV	437978	735404	43.85%	6.141%
3	7.190	691	698	710	rBV	488343	864536	51.55%	7.219%
4	7.554	753	760	769	rBV	476114	837926	49.97%	6.997%
5	8.030	835	841	849	rVB	115802	210082	12.53%	1.754%
6	8.347	889	895	905	rBV	369449	652249	38.89%	5.446%
7	9.211	1035	1042	1052	rBV	299042	552863	32.97%	4.617%
8	10.850	1314	1321	1338	rBV	139285	269878	16.09%	2.254%
9	13.294	1730	1737	1747	rBV	725454	1121967	66.90%	9.369%
10	14.117	1872	1877	1887	rBV	114986	176116	10.50%	1.471%
11	14.675	1962	1972	1982	rBV2	228474	398016	23.73%	3.324%
12	16.167	2219	2226	2239	rBV	669314	1067931	63.68%	8.917%
13	17.419	2434	2439	2444	rBV	312639	497422	29.66%	4.154%
14	17.466	2444	2447	2454	rVB2	39116	56722	3.38%	0.474%
15	18.282	2581	2586	2592	rBV3	71072	142687	8.51%	1.191%
16	18.347	2592	2597	2603	rVB3	29973	58276	3.47%	0.487%
17	18.794	2668	2673	2679	rVB4	11735	20814	1.24%	0.174%
18	19.193	2736	2741	2748	rBV7	13793	29295	1.75%	0.245%
19	19.475	2781	2789	2794	rBV3	37710	67017	4.00%	0.560%
20	19.546	2794	2801	2810	rVV6	32928	70633	4.21%	0.590%
21	19.839	2847	2851	2858	rVB	31979	46675	2.78%	0.390%
22	20.022	2876	2882	2892	rBV	1337062	1677012	100.00%	14.003%
23	20.286	2924	2927	2938	rBV	16474	34245	2.04%	0.286%
24	21.285	3091	3097	3101	rBV5	24278	61983	3.70%	0.518%
25	21.696	3160	3167	3172	rBV2	357957	643369	38.36%	5.372%
26	21.737	3172	3174	3180	rVB	26185	40136	2.39%	0.335%
27	21.831	3186	3190	3196	rVB3	32261	53362	3.18%	0.446%
28	22.442	3277	3294	3299	rBV6	186821	745200	44.44%	6.223%
29	23.130	3406	3411	3420	rBV3	43497	91342	5.45%	0.763%
30	23.940	3544	3549	3557	rVB3	49670	113353	6.76%	0.947%
31	24.892	3706	3711	3716	rVB4	24054	44073	2.63%	0.368%
32	24.980	3718	3726	3734	rVB2	205911	540447	32.23%	4.513%
33	26.026	3899	3904	3908	rBV6	14093	27828	1.66%	0.232%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

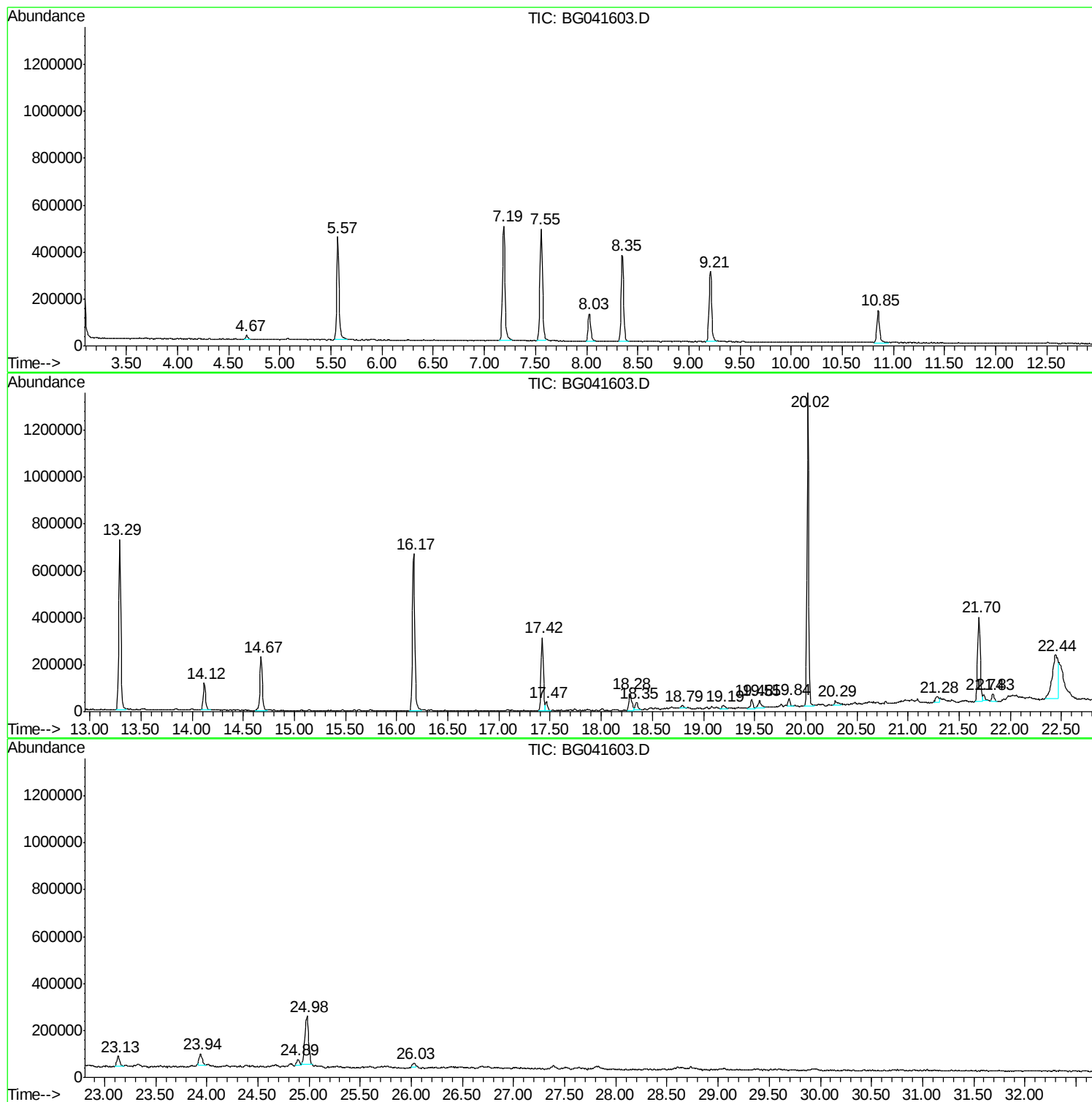
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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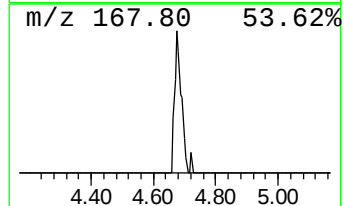
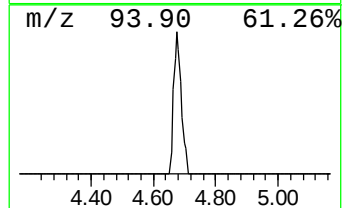
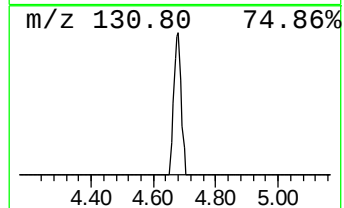
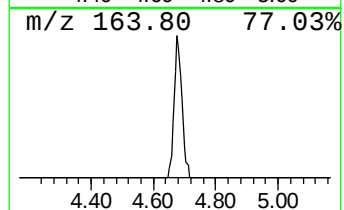
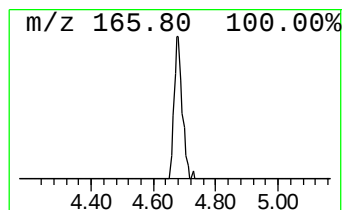
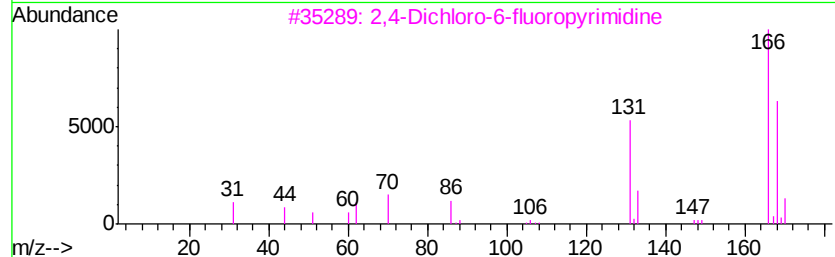
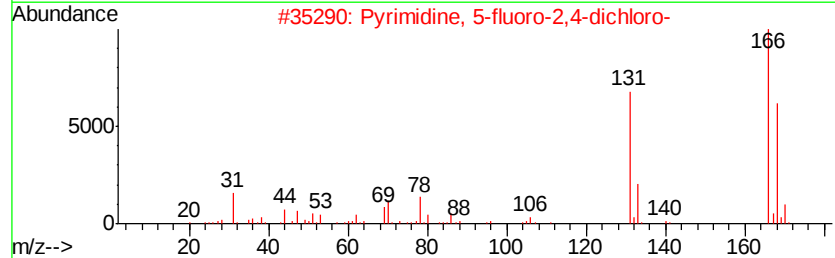
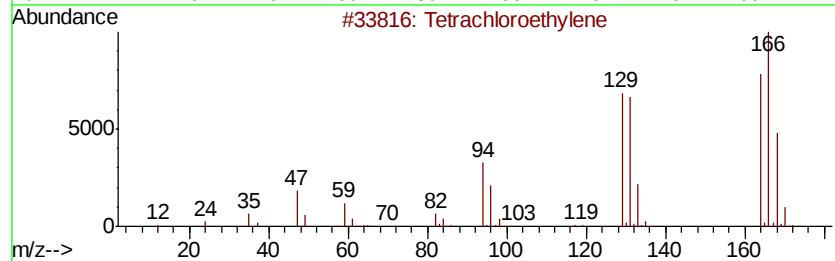
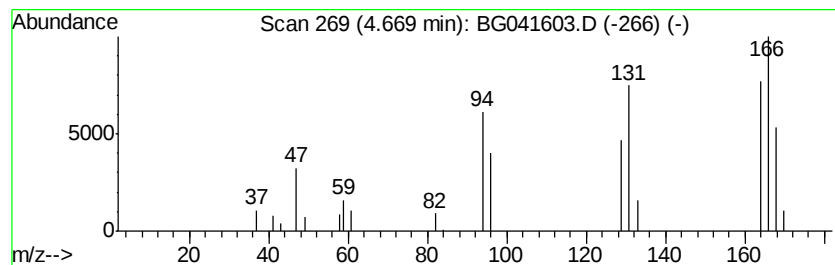
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetrachloroethylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.56 ng	26856	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
2		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35
3		2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	12
4		1-Benzoxepin-3-ol, 2,3,4,5-tetra...	164	C10H12O2	038824-30-5	12
5		Ethyne, dichloro-	94	C2Cl2	007572-29-4	11



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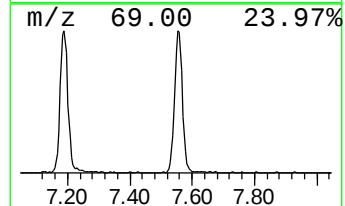
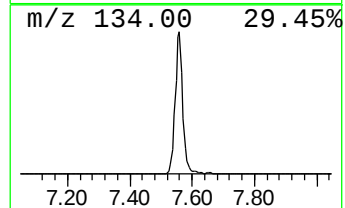
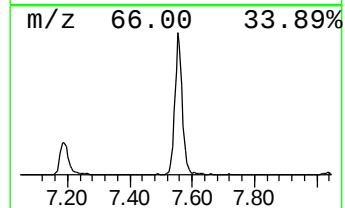
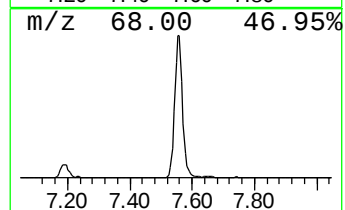
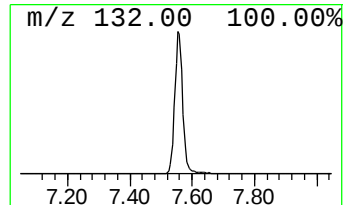
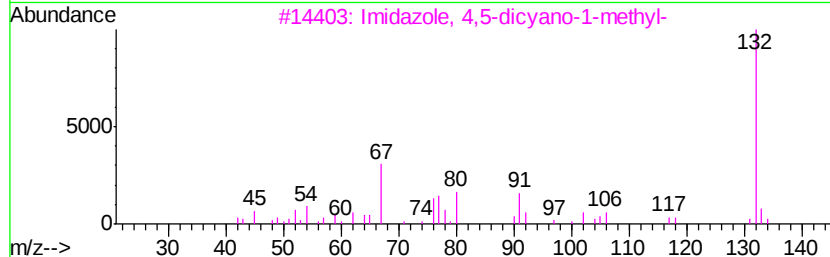
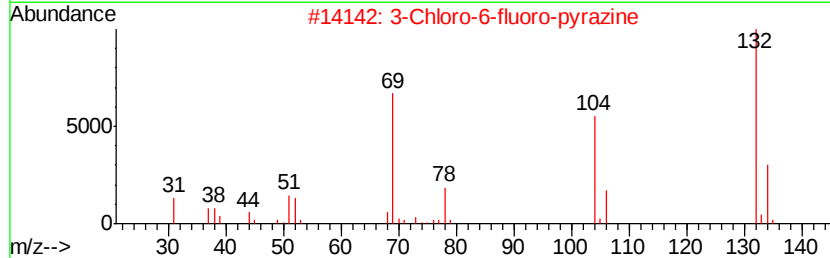
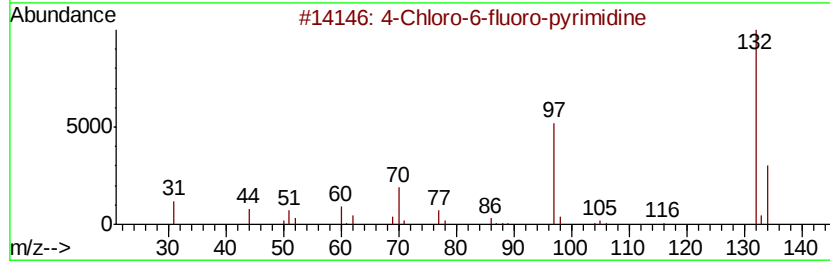
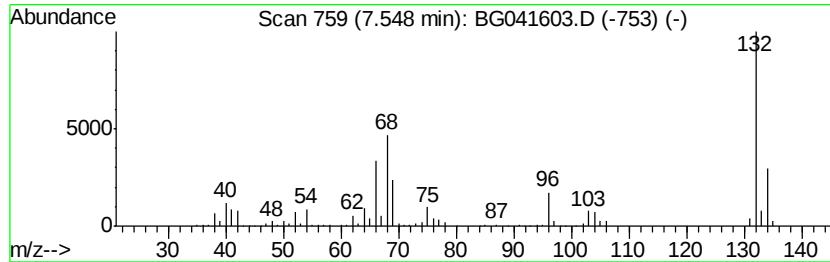
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	79.77 ng	837926	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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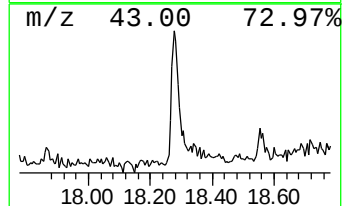
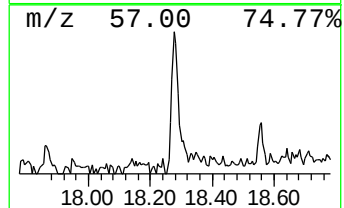
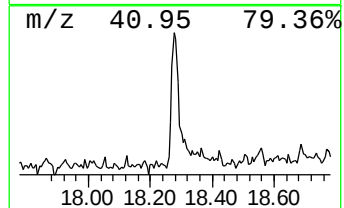
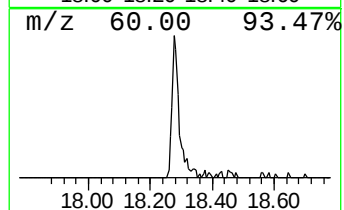
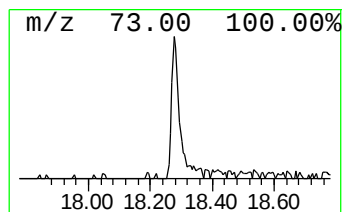
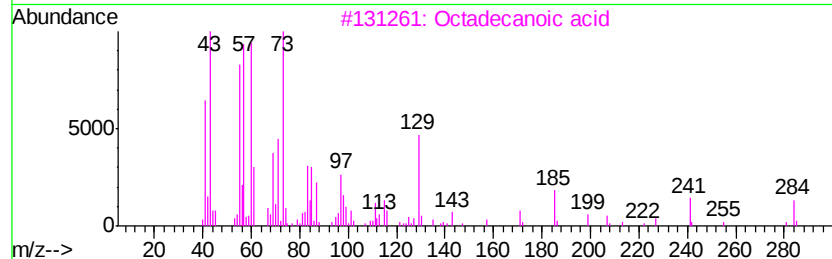
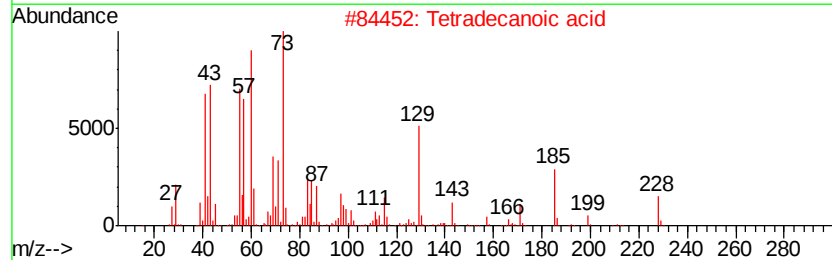
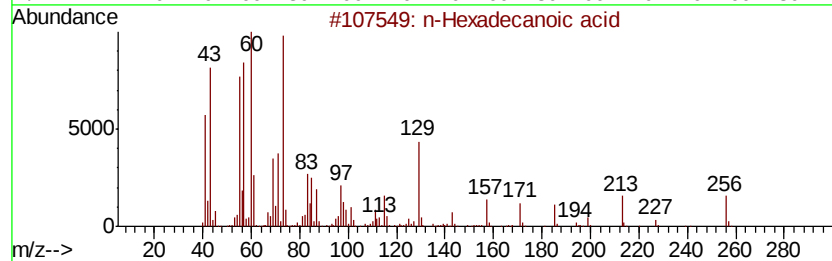
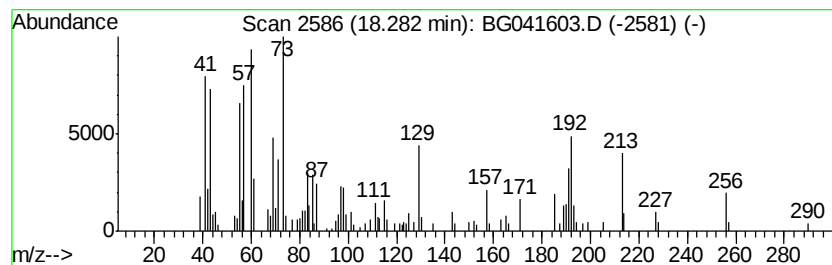
Instrument :
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.28	5.74 ng	142687	Phenanthrene-d10		17.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	46
4	Tridecanoic acid	214	C13H26O2	000638-53-9	42
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	41



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Sample : K3648-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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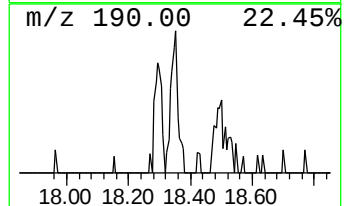
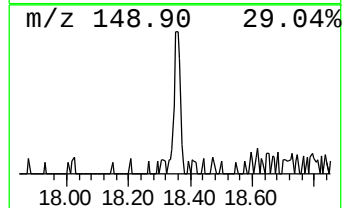
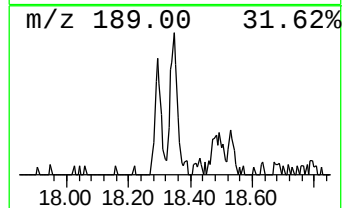
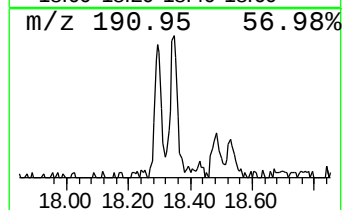
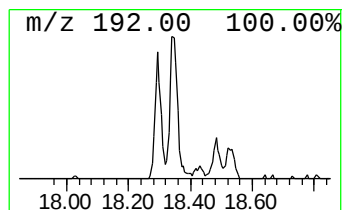
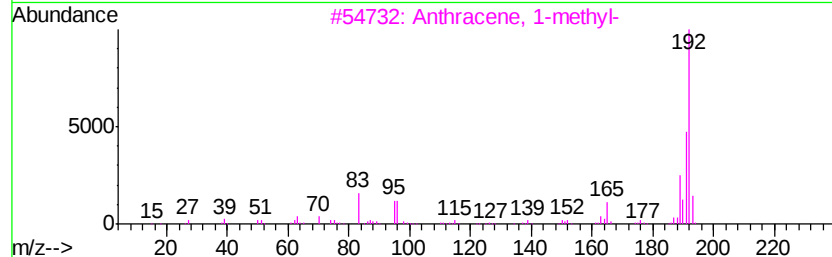
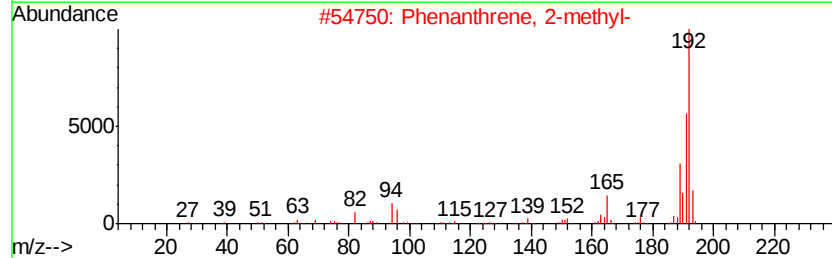
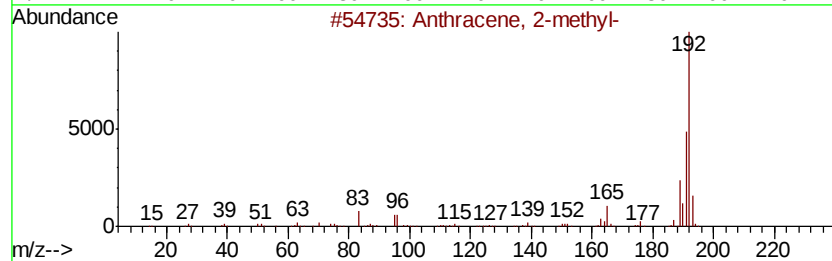
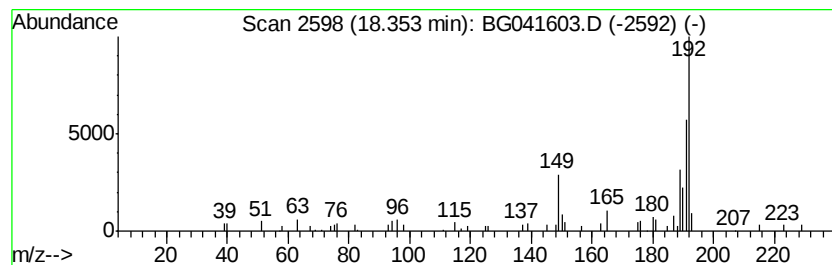
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.34 ng	58276	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



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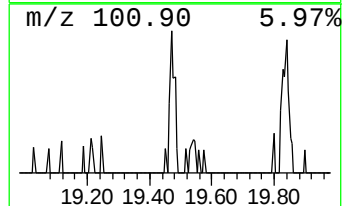
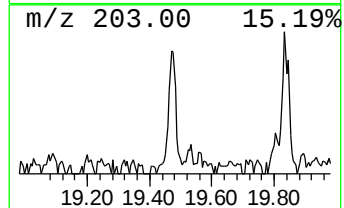
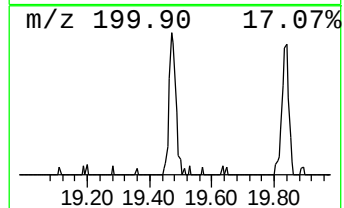
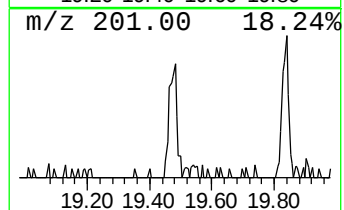
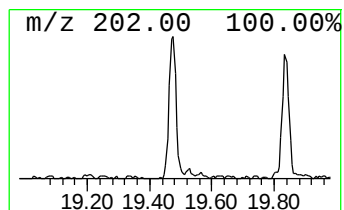
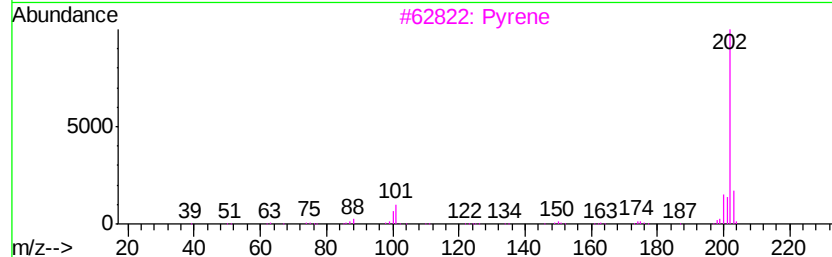
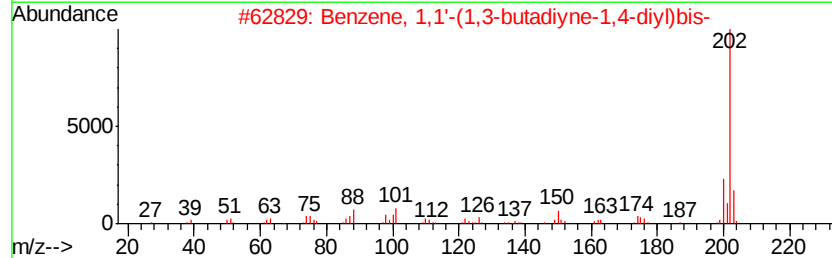
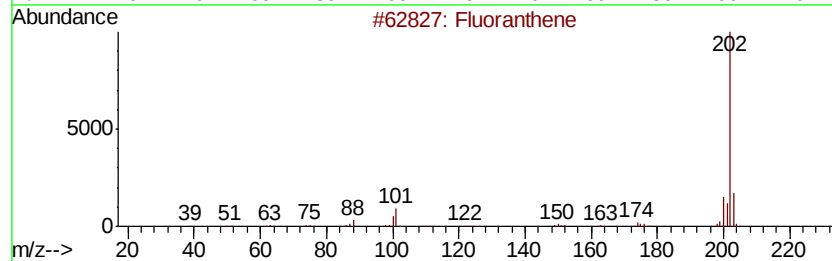
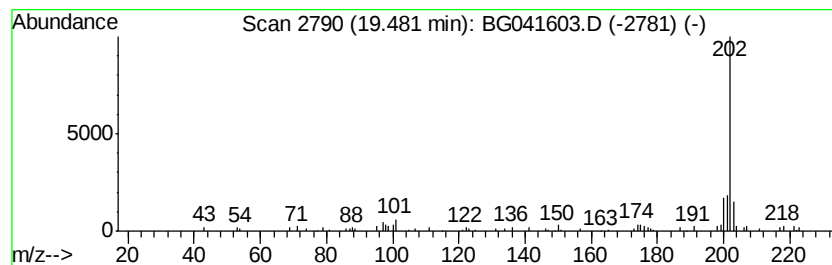
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Peak Number 6 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.48	2.69 ng	67017	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	76
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68
3	Pvrene	202	C16H10	000129-00-0	64
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	64
5	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041603.D
Acq On : 3 Jul 2019 23:34
Operator : HP/JU
Sample : K3648-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1-CORE-HOLE-1

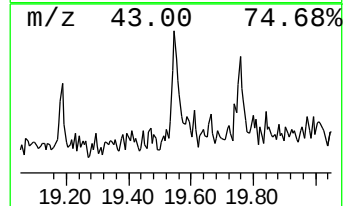
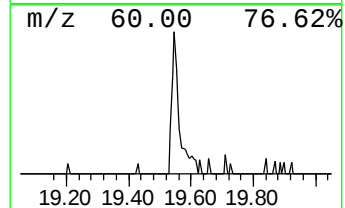
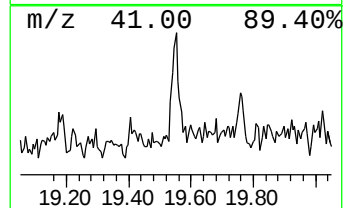
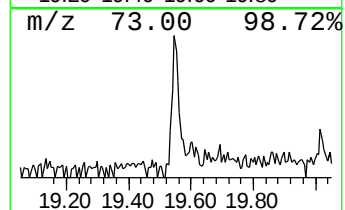
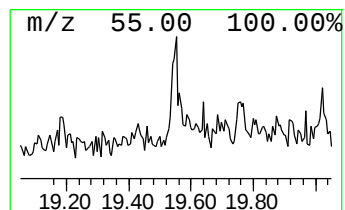
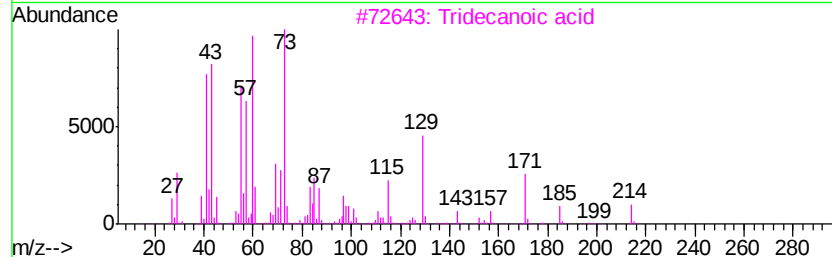
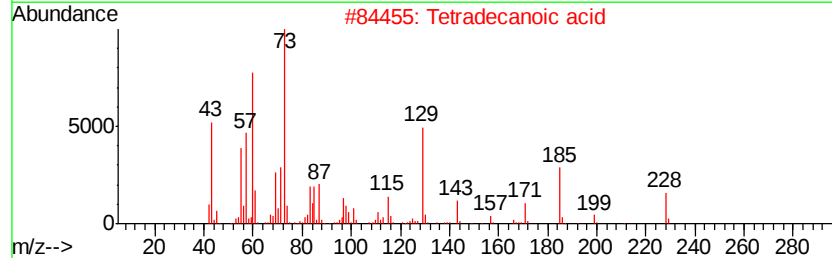
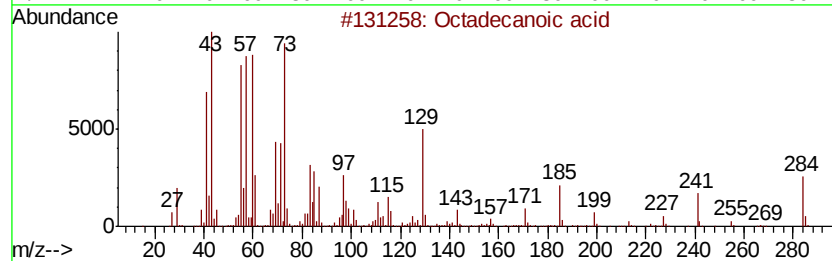
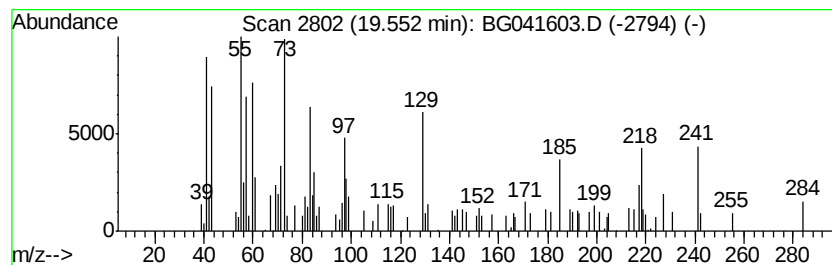
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.84 ng	70633	Phenanthrene-d10	17.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
3			Tridecanoic acid	214	C13H26O2	000638-53-9	49
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041603.D
Acq On : 3 Jul 2019 23:34
Operator : HP/JU
Sample : K3648-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

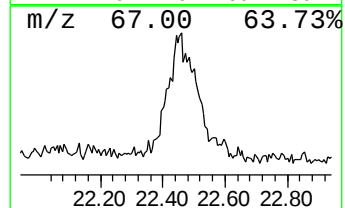
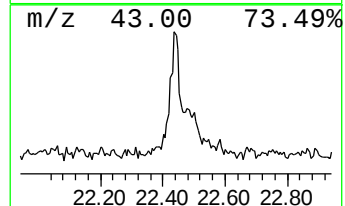
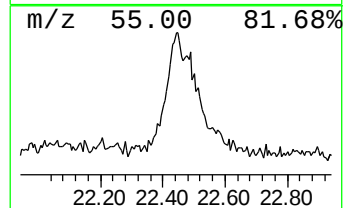
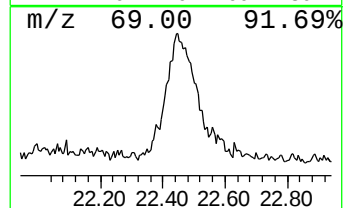
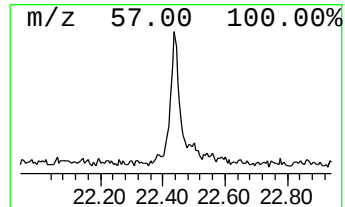
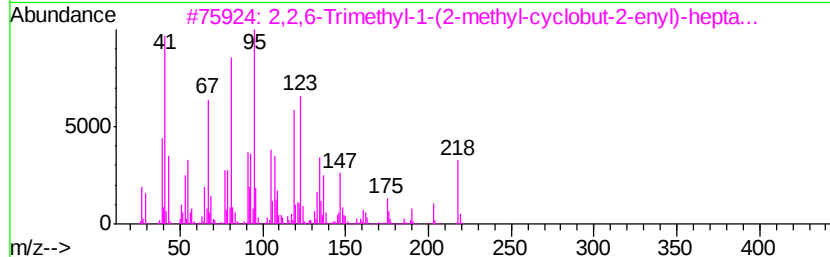
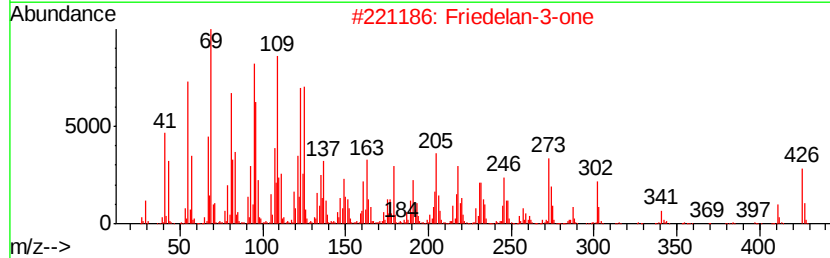
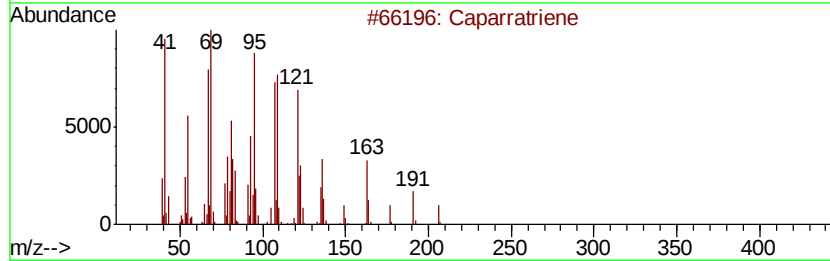
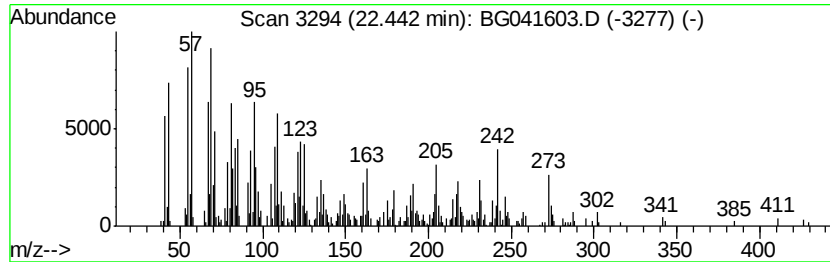
Instrument :
BNA_G
ClientSampleId :
C-1-CORE-HOLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Caparratriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	23.17 ng	745200	Chrysene-d12	21.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caparratriene	206 C15H26	1000374-08-7 70
2		Friedelan-3-one	426 C30H50O	000559-74-0 58
3		2,2,6-Trimethyl-1-(2-methyl-cyclobut-2-enyl)-hepta...	218 C15H22O	1000188-72-8 44
4		(-)-Neoclovene-(I), dihydro-	206 C15H26	1000152-82-1 42
5		Sesquirosefuran	218 C15H22O	039007-93-7 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041603.D
Acq On : 3 Jul 2019 23:34
Operator : HP/JU
Sample : K3648-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1-CORE-HOLE-1

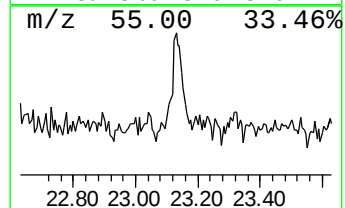
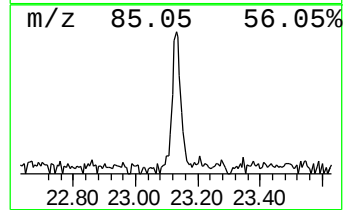
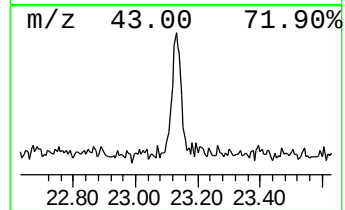
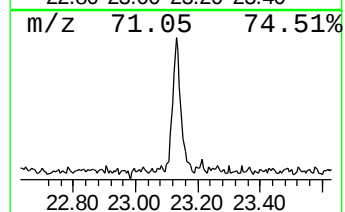
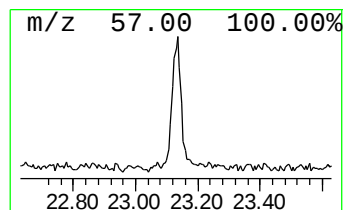
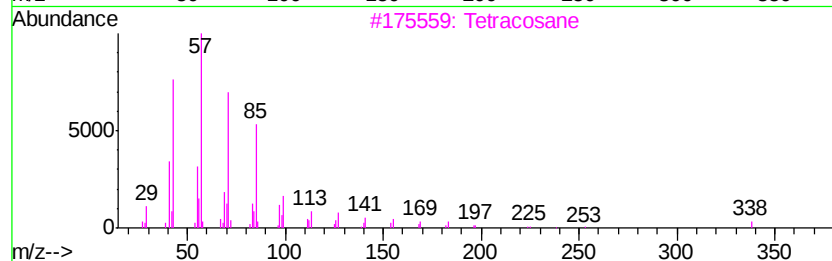
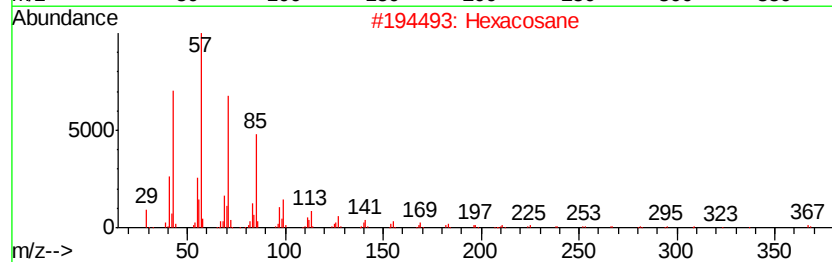
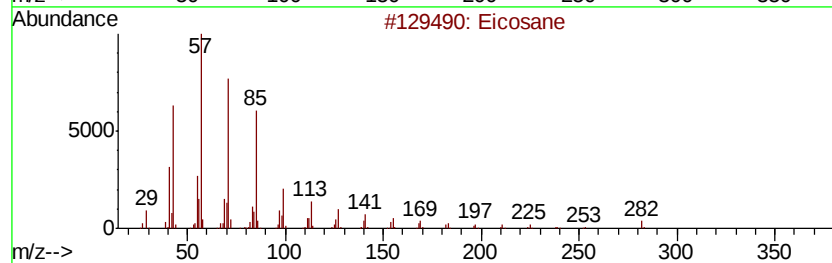
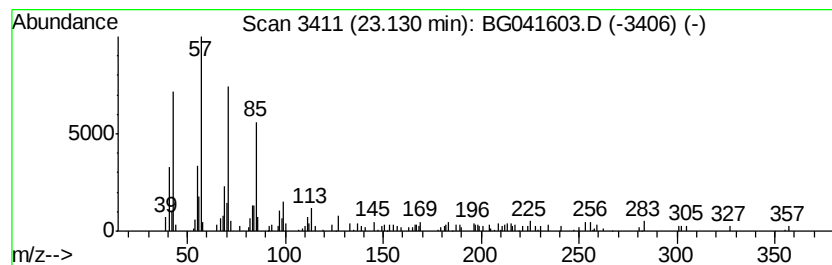
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	2.84 ng	91342	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		10-Methylnonadecane	282	C20H42	056862-62-5	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041603.D
Acq On : 3 Jul 2019 23:34
Operator : HP/JU
Sample : K3648-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1-CORE-HOLE-1

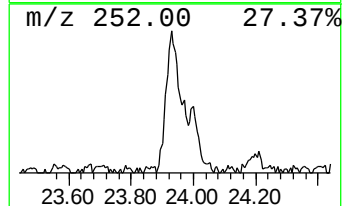
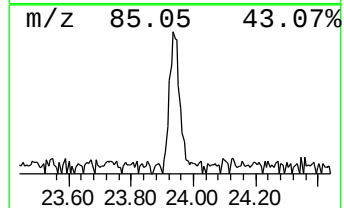
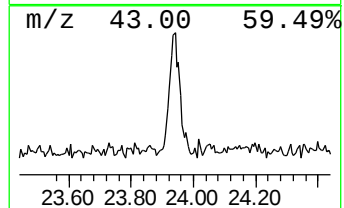
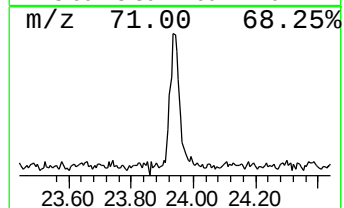
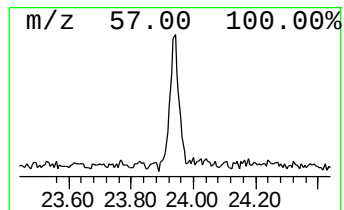
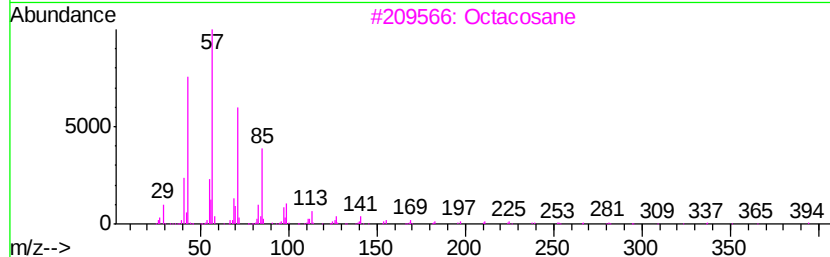
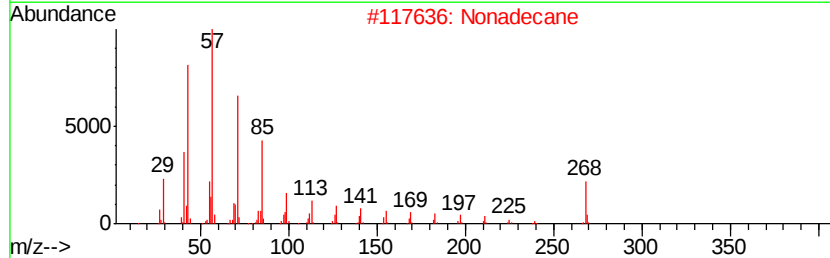
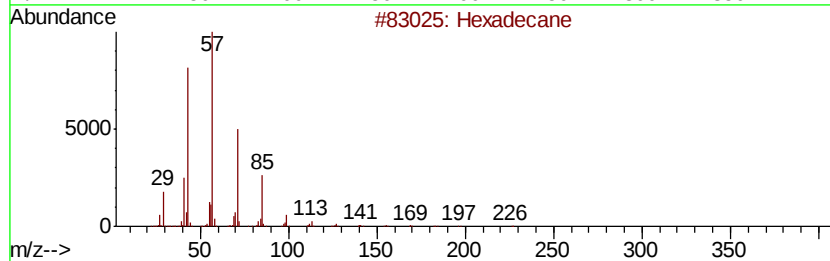
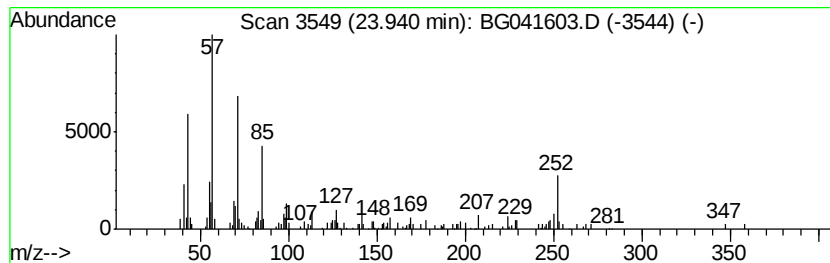
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	4.19 ng	113353	Perylene-d12	24.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Nonadecane	268	C19H40	000629-92-5	70
3		Octacosane	394	C28H58	000630-02-4	70
4		Tricosane	324	C23H48	000638-67-5	68
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070319\
Data File : BG041603.D
Acq On : 3 Jul 2019 23:34
Operator : HP/JU
Sample : K3648-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1-CORE-HOLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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
Tetrachloroethylene	4.67	2.6	ng	26856	1	8.03	210082	20.0
unknown7.55	7.55	79.8	ng	837926	1	8.03	210082	20.0
n-Hexadecanoic acid	18.28	5.7	ng	142687	4	17.42	497422	20.0
Anthracene, 2-met...	18.35	2.3	ng	58276	4	17.42	497422	20.0
Benzene, 1,1'-(1,...	19.48	2.7	ng	67017	4	17.42	497422	20.0
Octadecanoic acid	19.55	2.8	ng	70633	4	17.42	497422	20.0
Caparratriene	22.44	23.2	ng	745200	5	21.70	643369	20.0
Eicosane	23.13	2.8	ng	91342	5	21.70	643369	20.0
Hexadecane	23.94	4.2	ng	113353	6	24.97	540447	20.0