

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000515.D
 Acq On : 04 Oct 2019 18:24
 Operator : JU
 Sample : K5143-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-100219

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_P\METHODS\8270-BP100119.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	5.393	558	562	566	rBV	4059418	3766245	69.75%	7.952%
2	6.410	730	735	745	rBV	4326610	3997706	74.04%	8.441%
3	6.540	753	757	760	rBV	4841247	4169362	77.22%	8.804%
4	6.769	792	796	799	rBV	1500901	1257637	23.29%	2.656%
5	6.922	818	822	826	rBV	4078247	3515474	65.11%	7.423%
6	7.328	886	891	894	rBV	2906504	2456864	45.50%	5.188%
7	8.051	1010	1014	1017	rBV	1809566	1576767	29.20%	3.329%
8	9.128	1193	1197	1200	rBV	6140446	5399504	100.00%	11.401%
9	9.522	1261	1264	1269	rBV	623540	536369	9.93%	1.133%
10	9.810	1307	1313	1317	rBV	2371143	1866843	34.57%	3.942%
11	10.604	1444	1448	1452	rBV	2426163	2035111	37.69%	4.297%
12	11.310	1564	1568	1570	rBV	1114608	1040508	19.27%	2.197%
13	11.328	1570	1571	1574	rVV	129816	90742	1.68%	0.192%
14	11.381	1575	1580	1584	rVB3	63515	66210	1.23%	0.140%
15	11.528	1601	1605	1610	rBV	155391	162664	3.01%	0.343%
16	11.716	1633	1637	1640	rBV	1161244	897679	16.63%	1.895%
17	11.851	1656	1660	1663	rBV2	88288	111125	2.06%	0.235%
18	11.928	1669	1673	1675	rBV	63844	70500	1.31%	0.149%
19	12.375	1746	1749	1751	rBV	65224	65453	1.21%	0.138%
20	12.410	1751	1755	1757	rBV	1897281	1874121	34.71%	3.957%
21	12.434	1757	1759	1761	rVB	3166938	2284583	42.31%	4.824%
22	12.516	1770	1773	1775	rBV	468094	490012	9.08%	1.035%
23	12.534	1775	1776	1780	rVB	376455	197890	3.66%	0.418%
24	12.763	1810	1815	1818	rBV	421219	399577	7.40%	0.844%
25	12.916	1837	1841	1844	rBV	4158810	3445055	63.80%	7.274%
26	13.081	1866	1869	1871	rBV3	59674	76787	1.42%	0.162%
27	13.175	1879	1885	1888	rBV5	162835	220960	4.09%	0.467%
28	13.251	1895	1898	1903	rBV	74994	61600	1.14%	0.130%
29	13.357	1913	1916	1920	rBV2	133850	124998	2.31%	0.264%
30	13.610	1957	1959	1964	rVB	55235	65268	1.21%	0.138%
31	13.834	1993	1997	2005	rBV4	145320	210662	3.90%	0.445%
32	13.981	2017	2022	2024	rBV2	1177563	1337779	24.78%	2.825%
33	14.004	2024	2026	2028	rVB	207324	160538	2.97%	0.339%
34	14.157	2050	2052	2056	rVB3	71503	69909	1.29%	0.148%

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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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.469	2102	2105	2107	rVB2	91068	84676	1.57%	0.179%
36	14.557	2118	2120	2130	rVB6	47162	73646	1.36%	0.156%
37	14.781	2155	2158	2161	rBV	73719	73643	1.36%	0.155%
38	14.851	2167	2170	2176	rBV2	134977	147289	2.73%	0.311%
39	15.028	2196	2200	2203	rBV	282725	389866	7.22%	0.823%
40	15.122	2213	2216	2224	rVB2	114907	189763	3.51%	0.401%
41	15.333	2248	2252	2258	rVB	180134	228147	4.23%	0.482%
42	15.392	2259	2262	2266	rBV	232807	280398	5.19%	0.592%
43	15.463	2269	2274	2277	rBV	911572	1142143	21.15%	2.412%
44	15.951	2353	2357	2361	rBV	101119	143842	2.66%	0.304%
45	16.927	2519	2523	2532	rVB2	139842	255250	4.73%	0.539%
46	17.369	2593	2598	2609	rVB	120209	248518	4.60%	0.525%

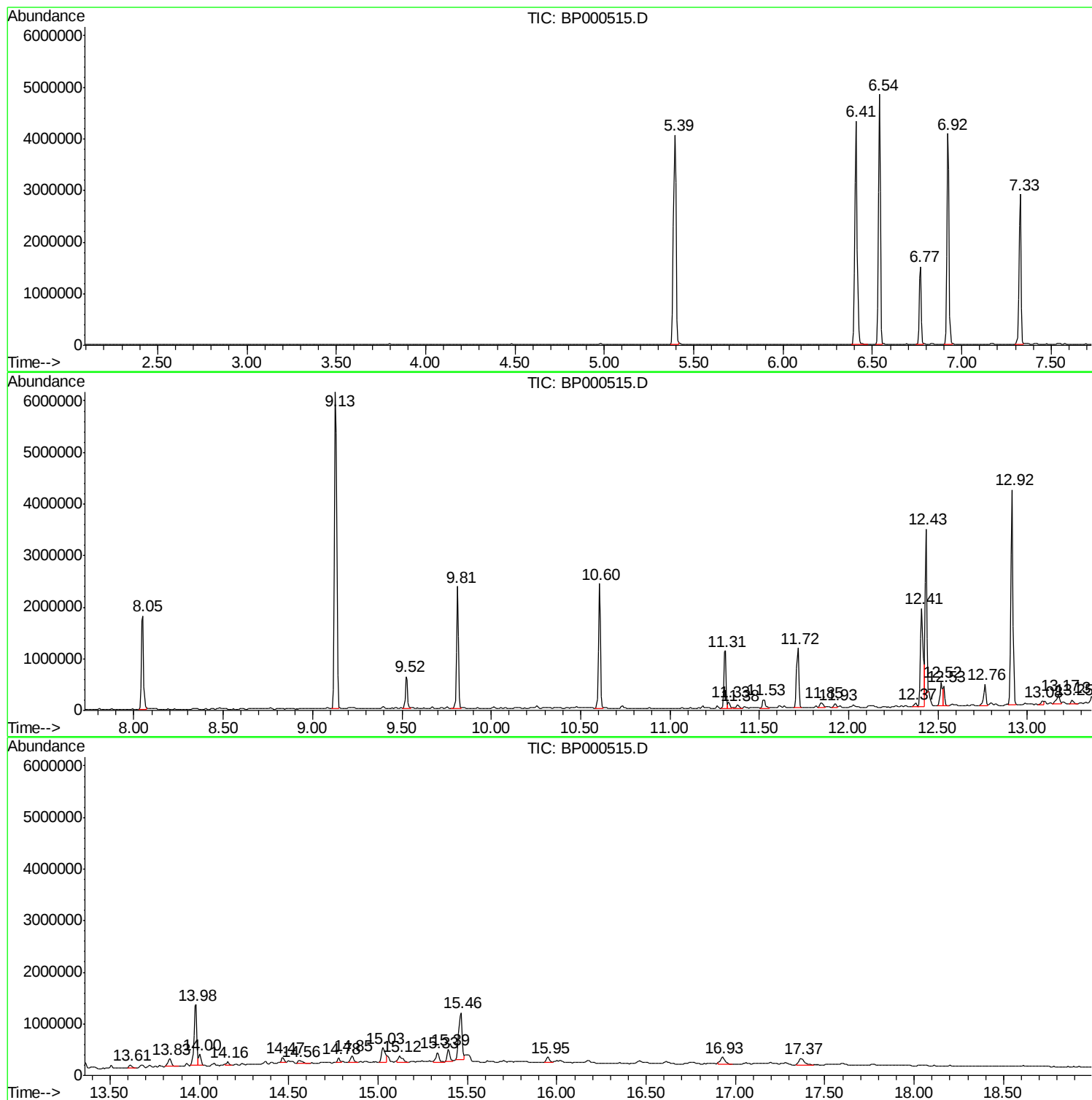
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
NB-08-100219

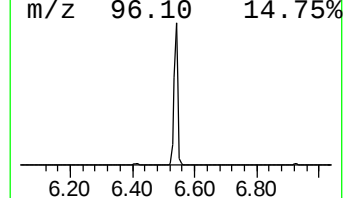
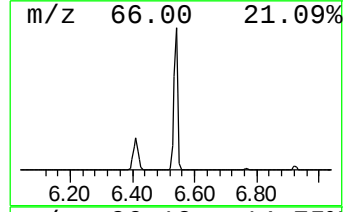
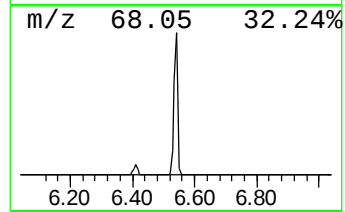
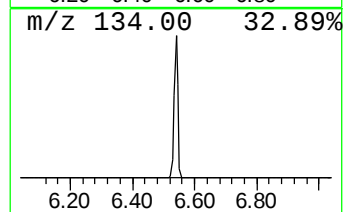
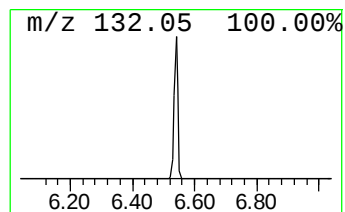
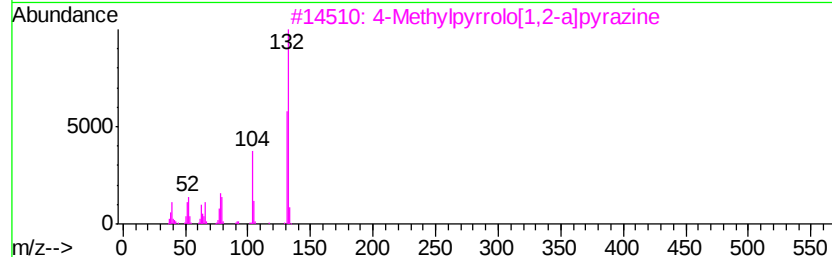
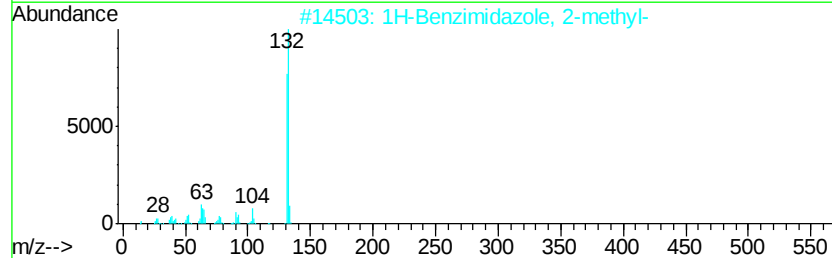
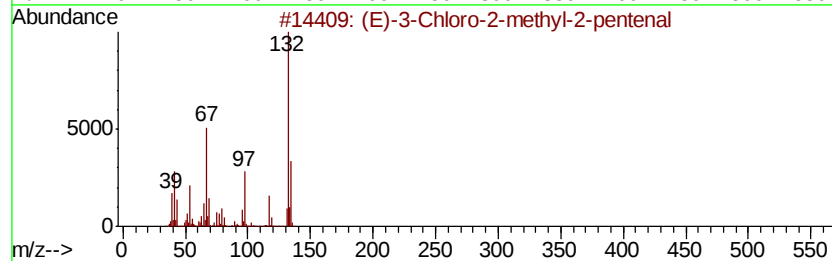
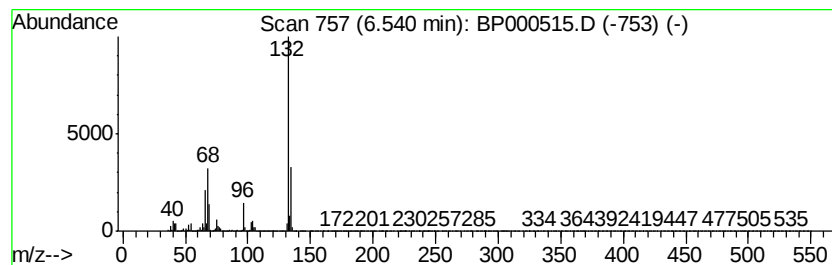
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	66.30 ng	4169360	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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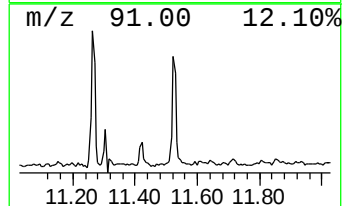
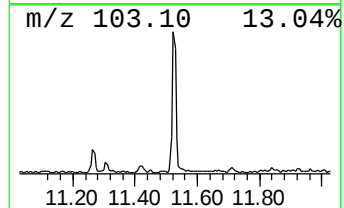
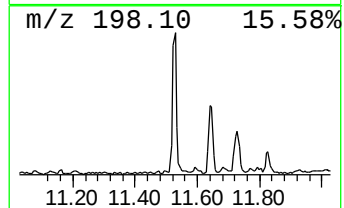
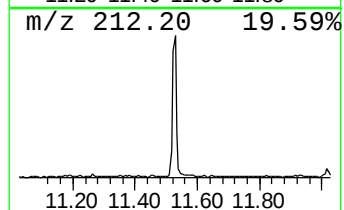
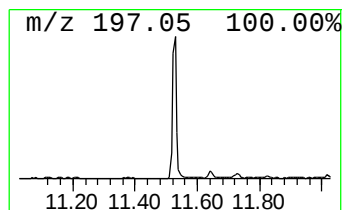
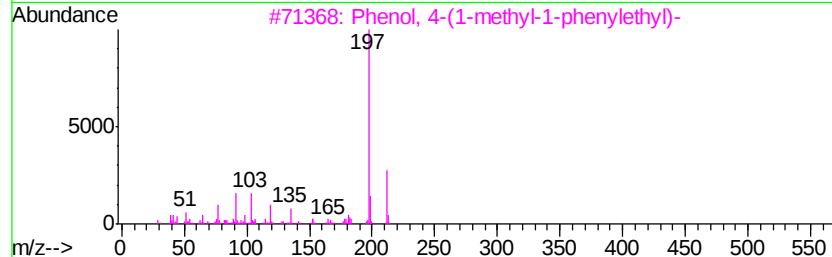
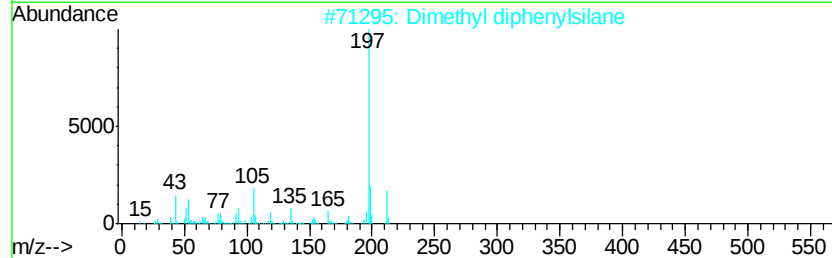
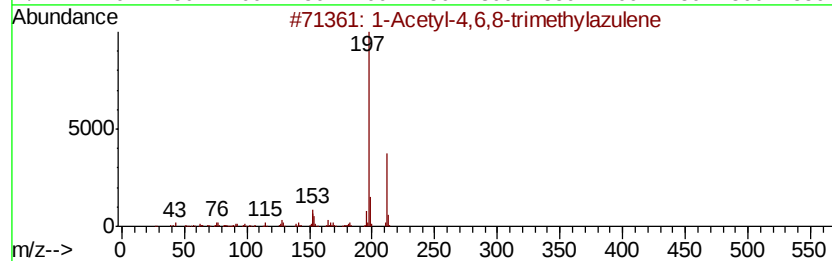
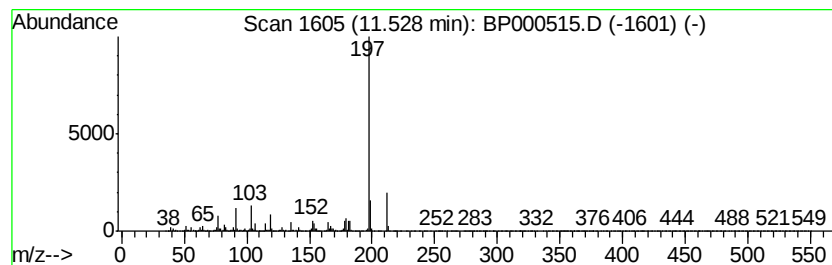
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Acetyl-4,6,8-trimethylazu... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.13 ng	162664	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Acetyl-4,6,8-trimethylazulene	212	C15H16O	000834-97-9	72
2		Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	64
3		Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	64
4		2,3-Dimethyl-4-biphenylamine	197	C14H15N	022750-87-4	58
5		4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	49



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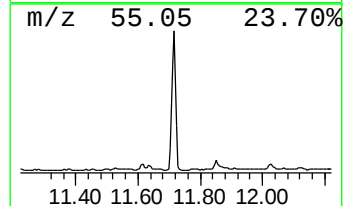
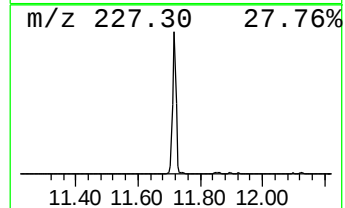
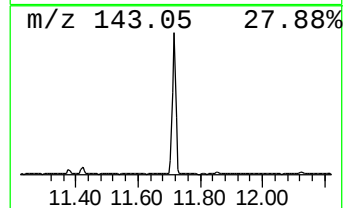
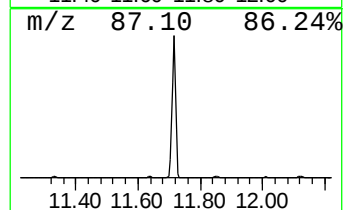
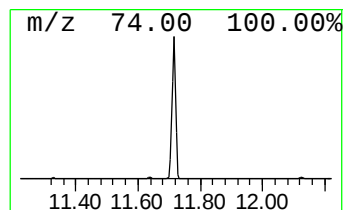
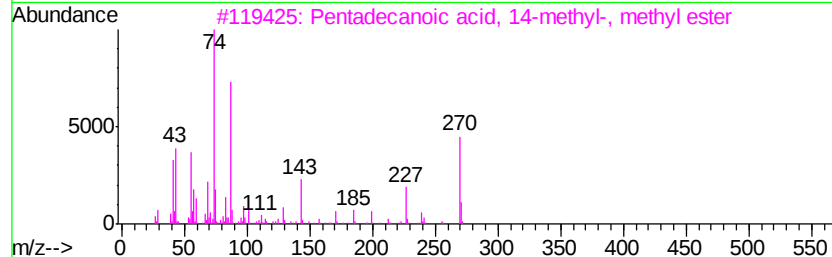
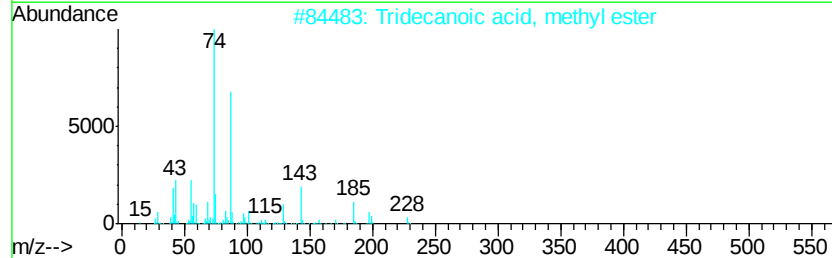
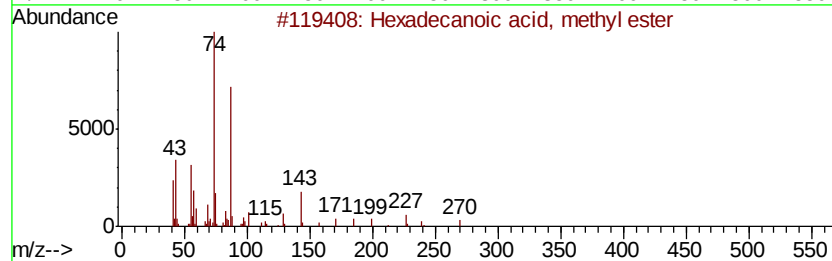
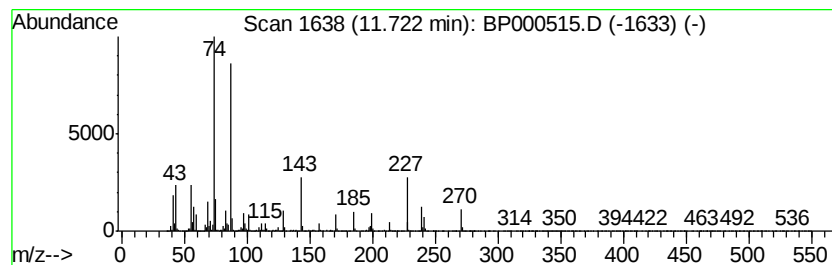
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	17.25 ng	897679	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	80



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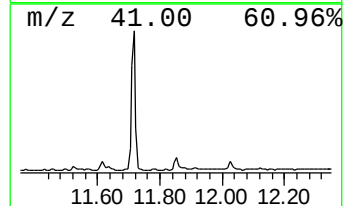
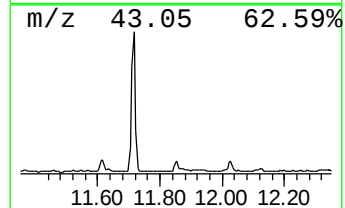
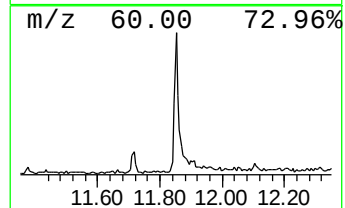
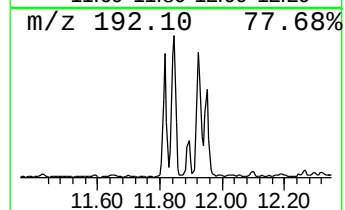
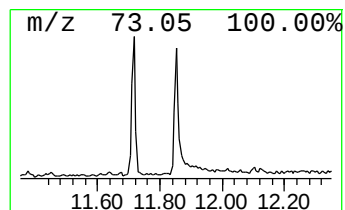
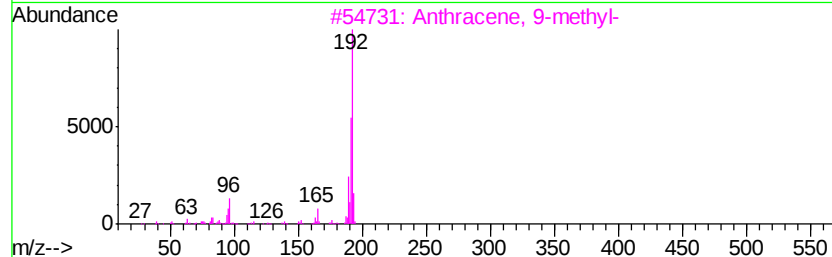
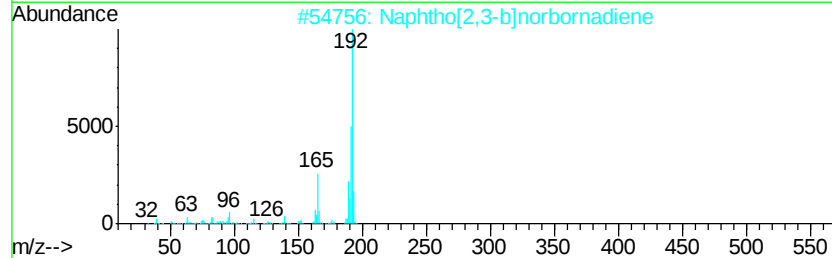
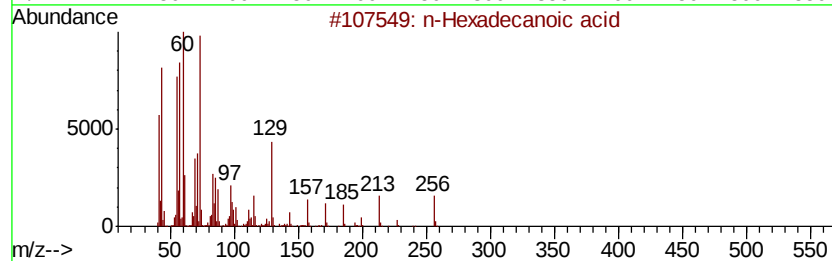
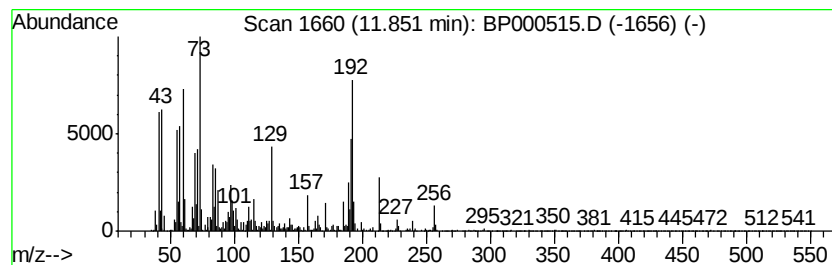
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.14 ng	111125	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	51
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	51
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	46



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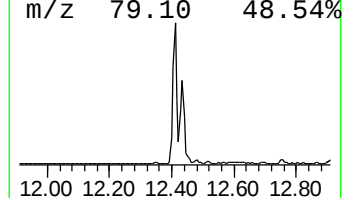
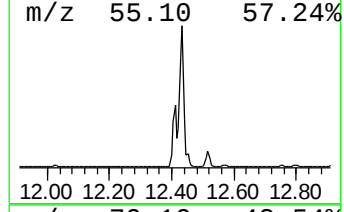
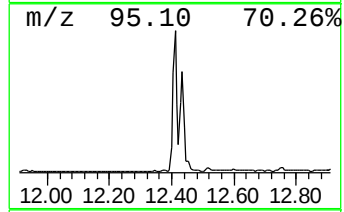
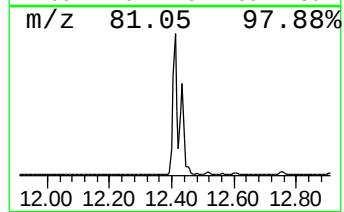
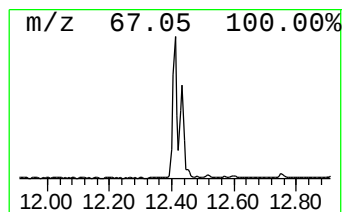
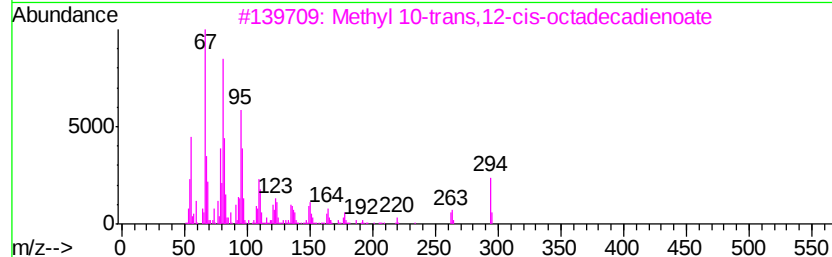
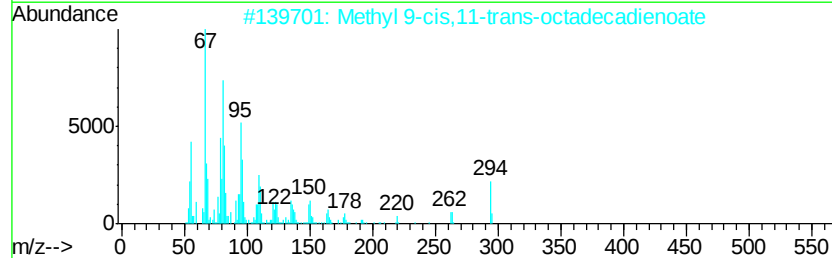
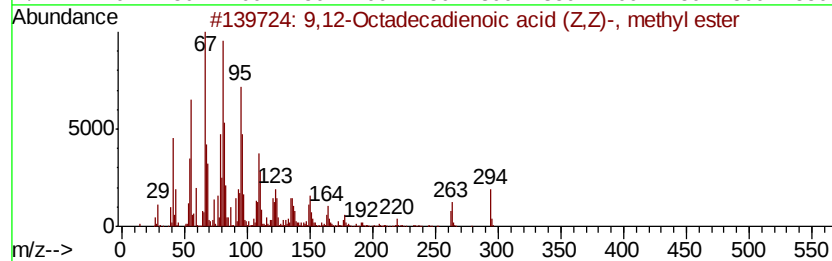
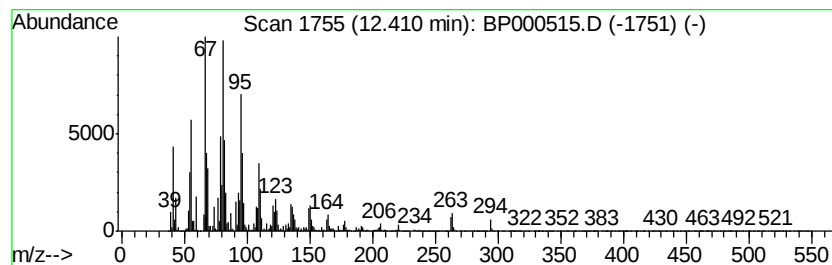
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	36.02 ng	1874120	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99	
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99	
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000515.D
Acq On : 04 Oct 2019 18:24
Operator : JU
Sample : K5143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-08-100219

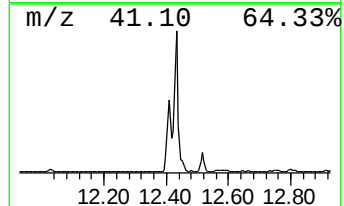
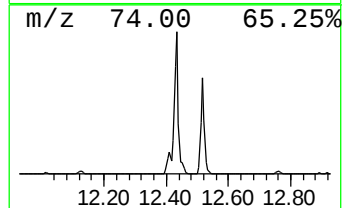
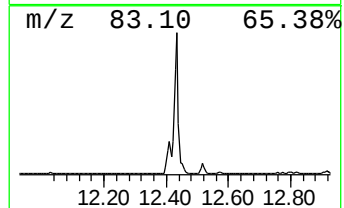
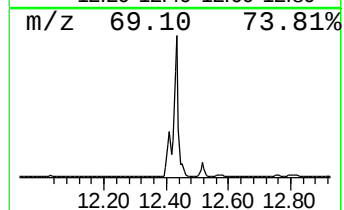
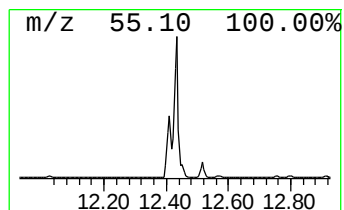
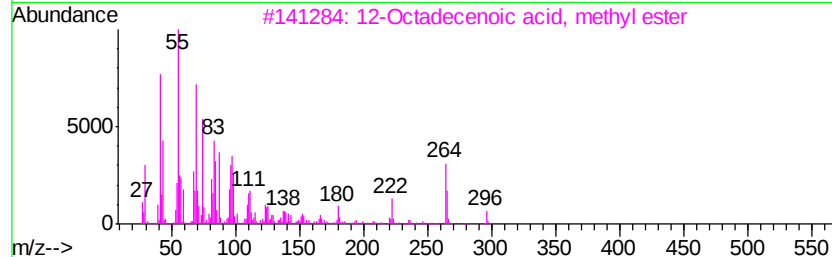
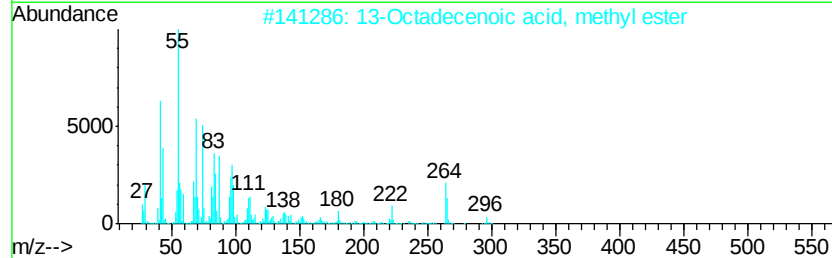
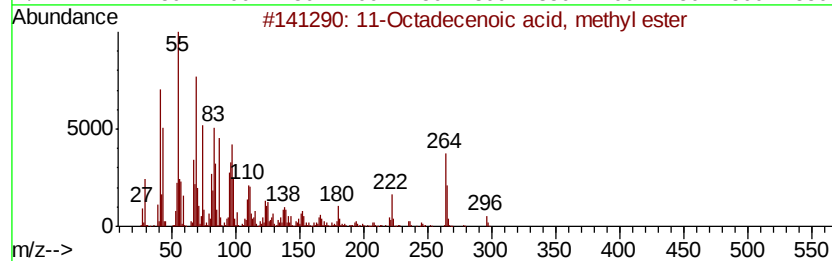
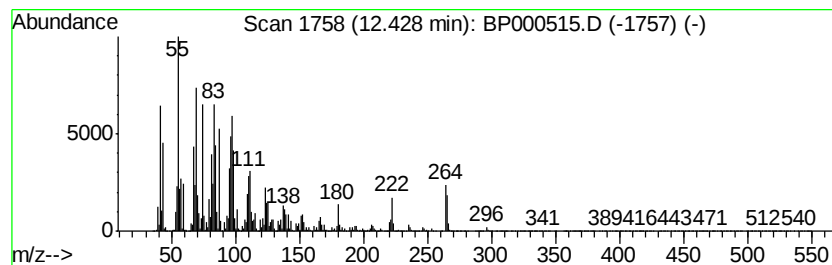
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11-Octadecenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	43.91 ng	2284580	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
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Misc :
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ClientSampleId :
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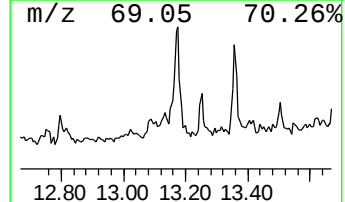
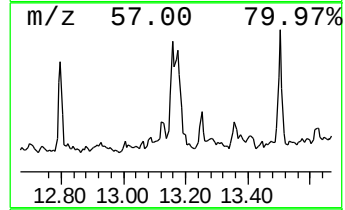
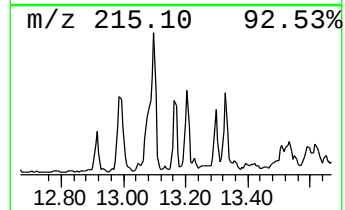
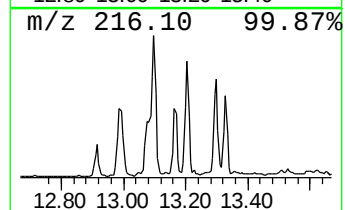
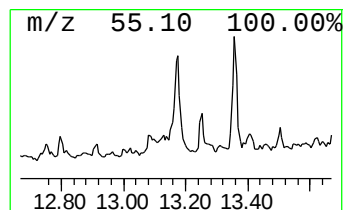
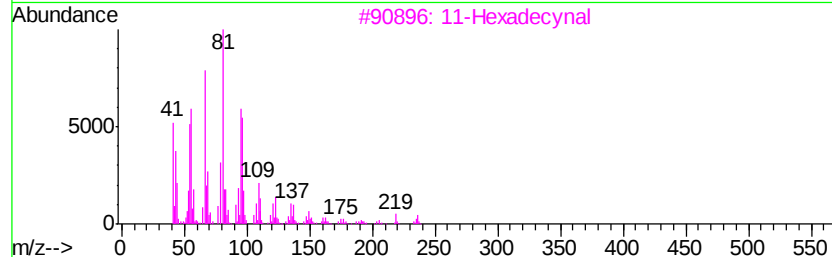
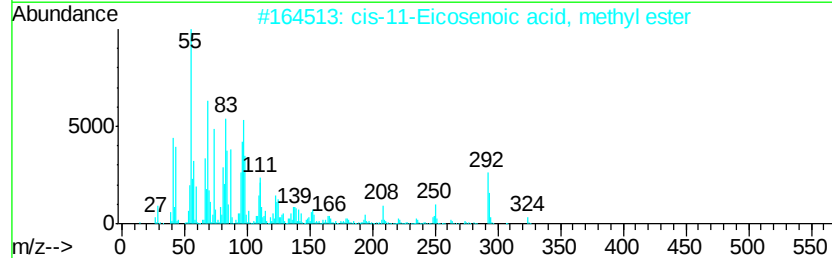
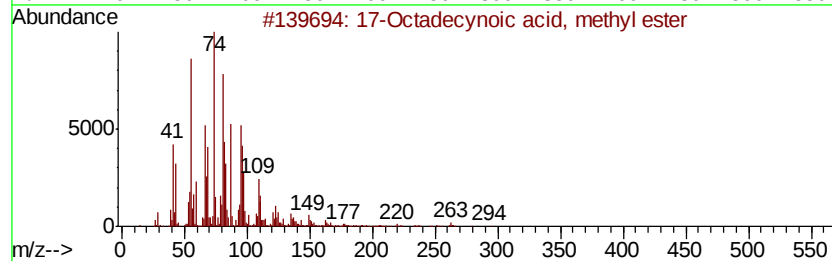
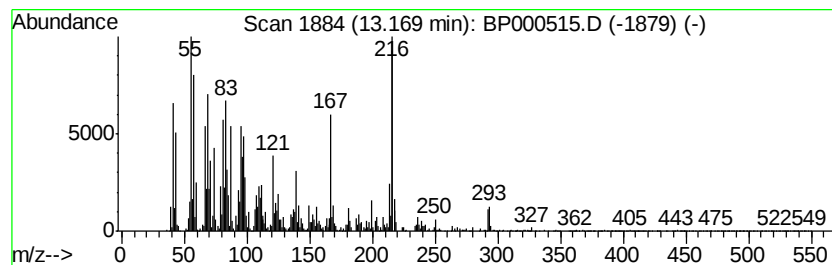
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 17-Octadecynoic acid, methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.30 ng	220960	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Octadecynoic acid, methyl ester	294	C19H34O2	1000333-54-0	70
2		cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	50
3		11-Hexadecynal	236	C16H28O	086426-73-5	46
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	43
5		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
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Sample : K5143-01
Misc :
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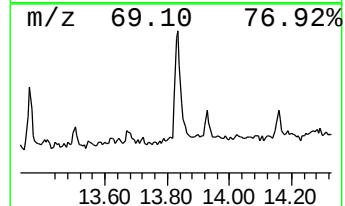
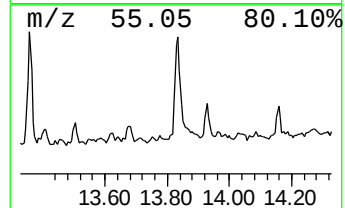
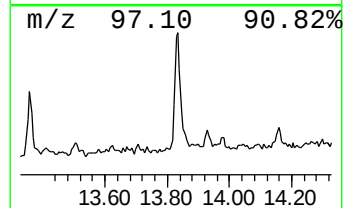
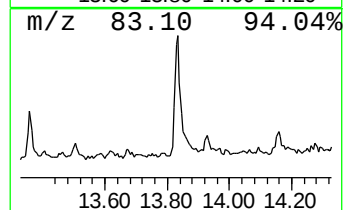
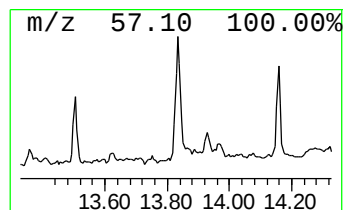
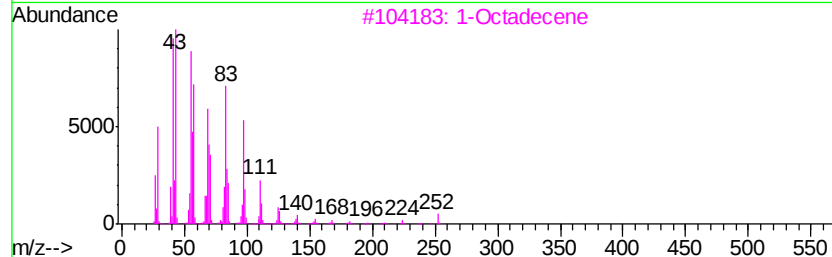
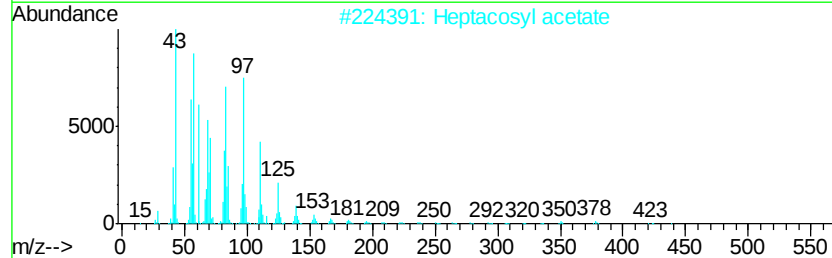
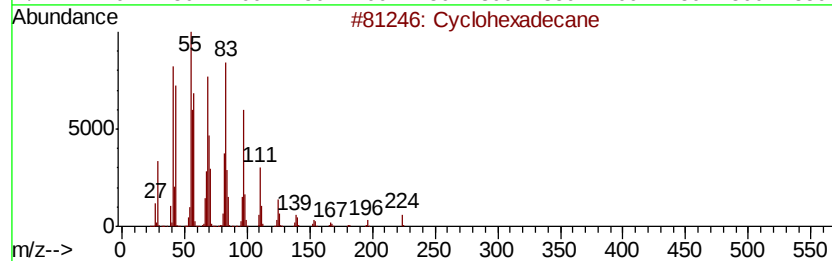
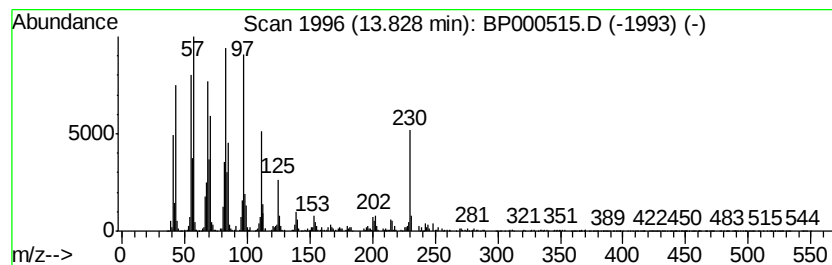
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ClientSampleId :
NB-08-100219

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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 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.15 ng	210662	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 98
2		Heptacosyl acetate	438 C29H58O2	1000351-78-2 96
3		1-Octadecene	252 C18H36	000112-88-9 92
4		Oxalic acid, isobutyl pentadecyl...	356 C21H40O4	1000309-38-0 91
5		Oxalic acid, isobutyl tetradecyl...	342 C20H38O4	1000309-37-9 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
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Misc :
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Instrument :
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ClientSampleId :
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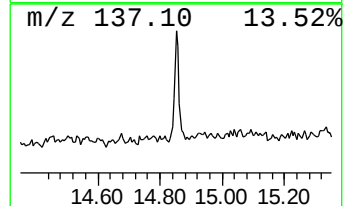
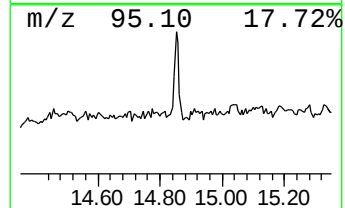
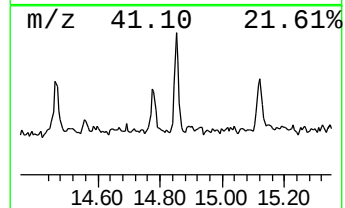
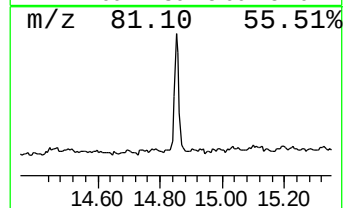
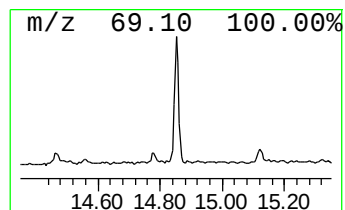
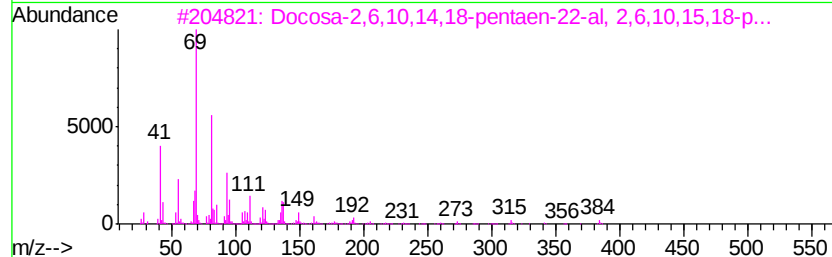
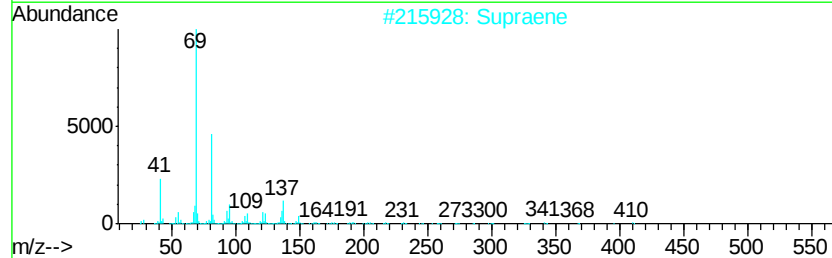
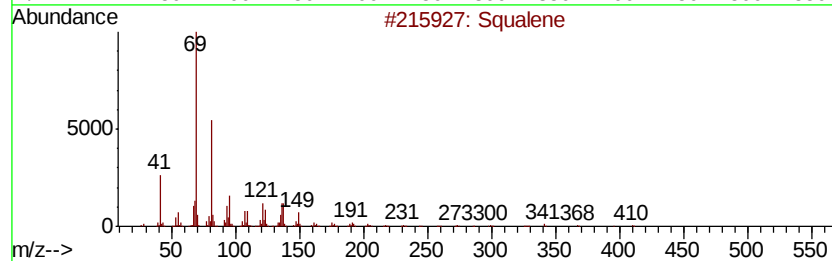
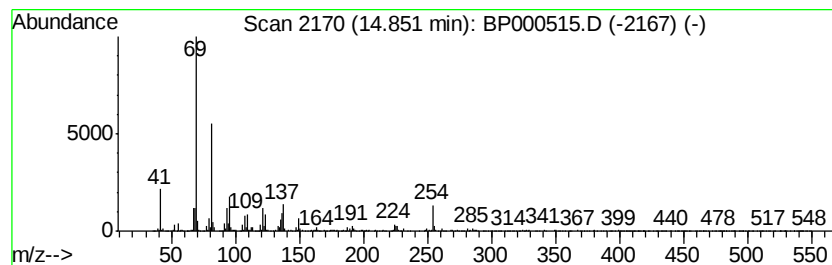
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.58 ng	147289	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Supraene	410	C30H50	007683-64-9	96
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59
5		trans-Farnesol	222	C15H26O	000106-28-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000515.D
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Sample : K5143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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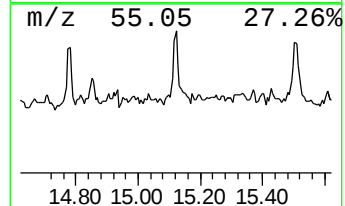
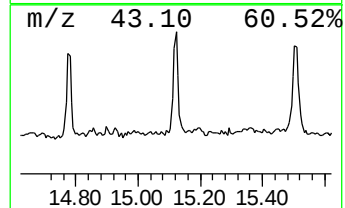
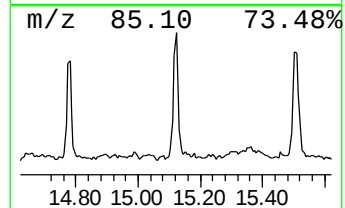
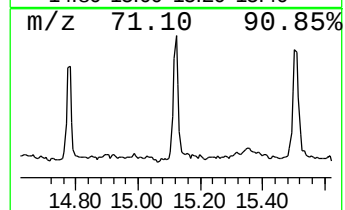
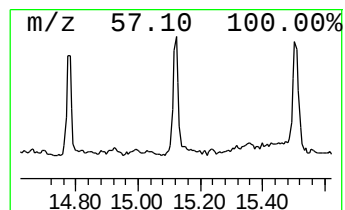
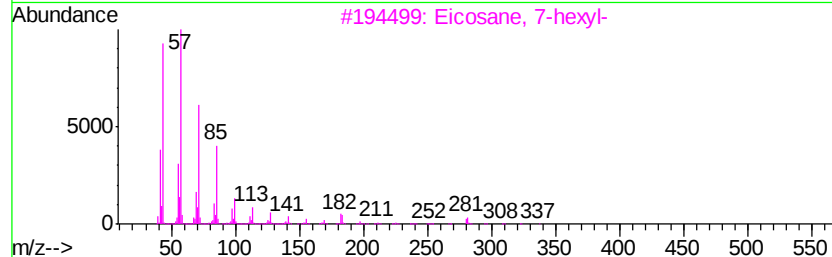
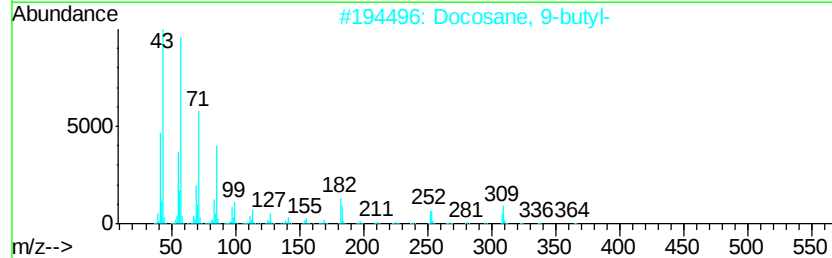
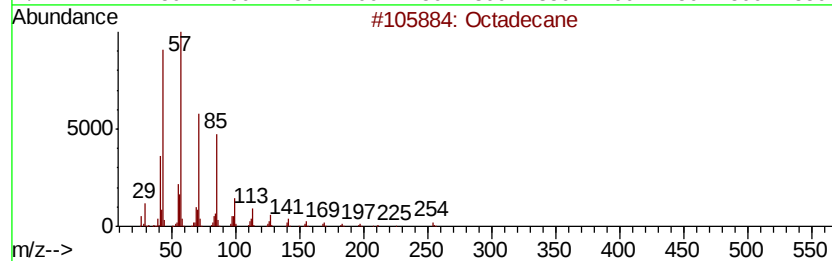
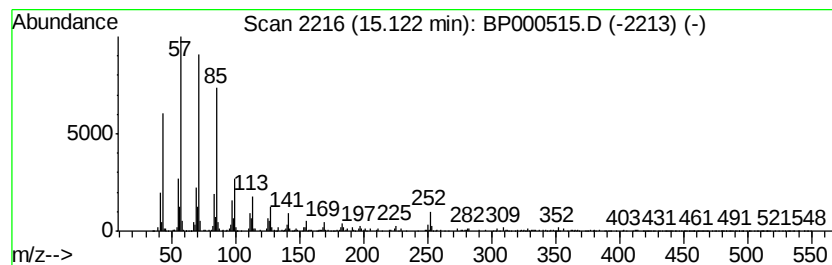
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.32 ng	189763	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	92
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
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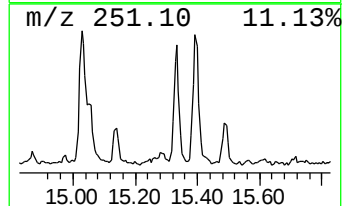
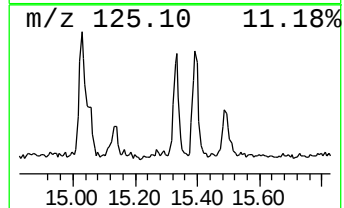
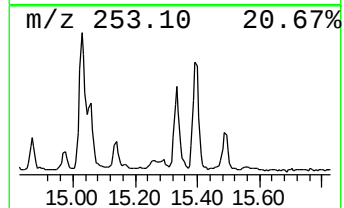
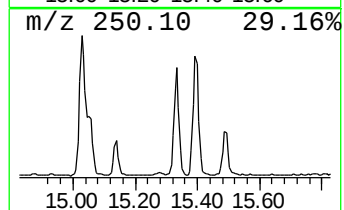
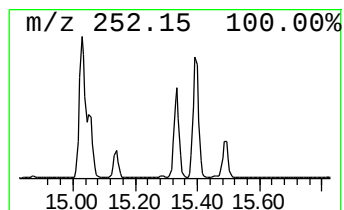
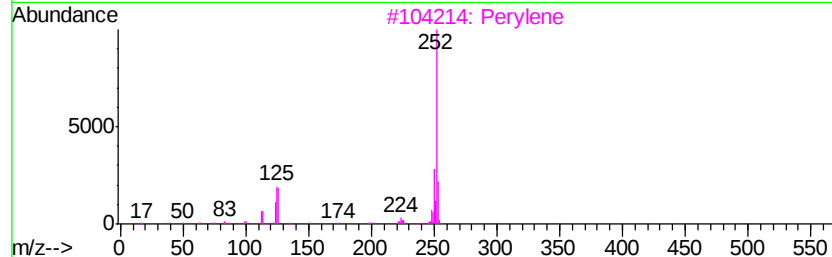
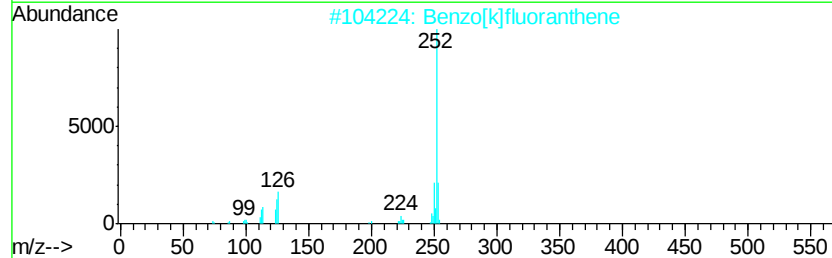
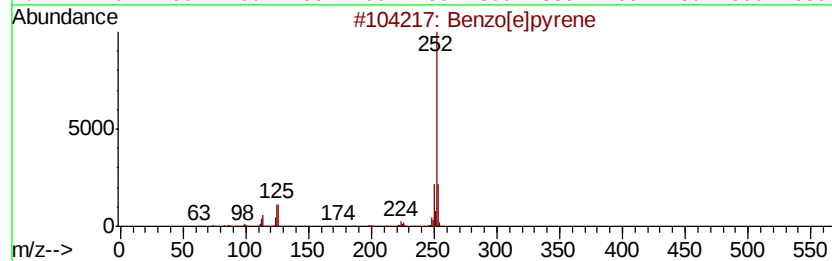
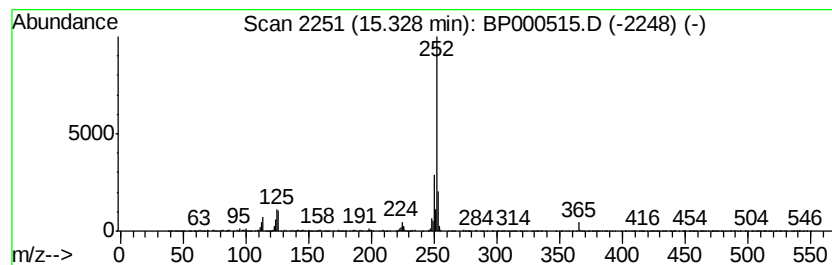
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.33	4.00 ng	228147	Perylene-d12	15.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-08-100219

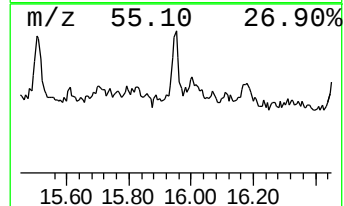
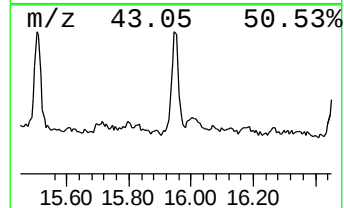
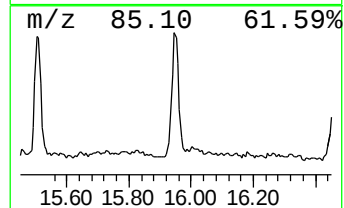
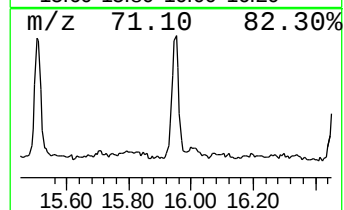
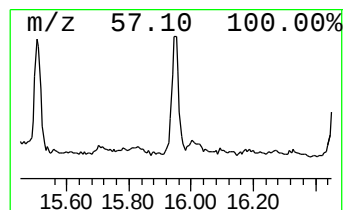
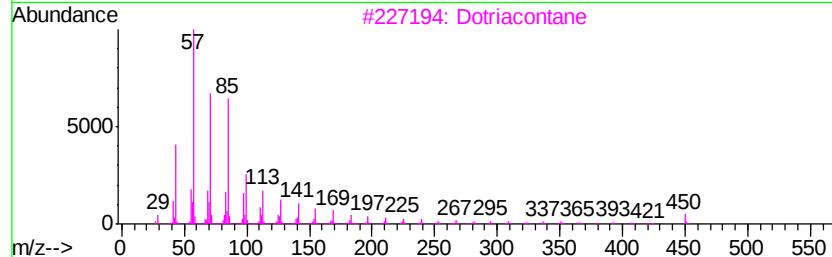
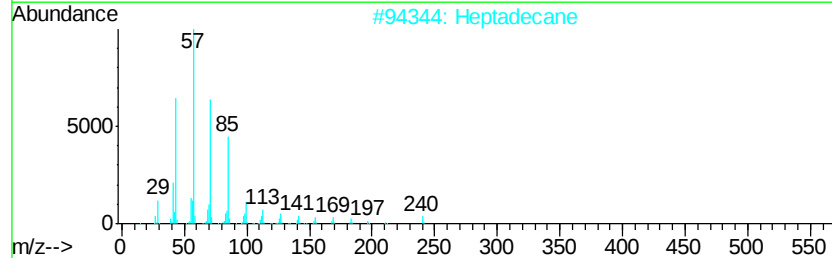
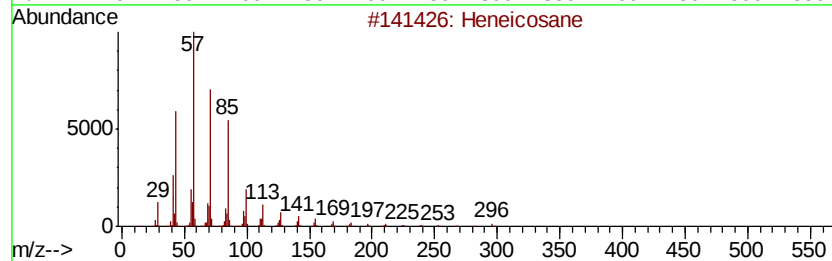
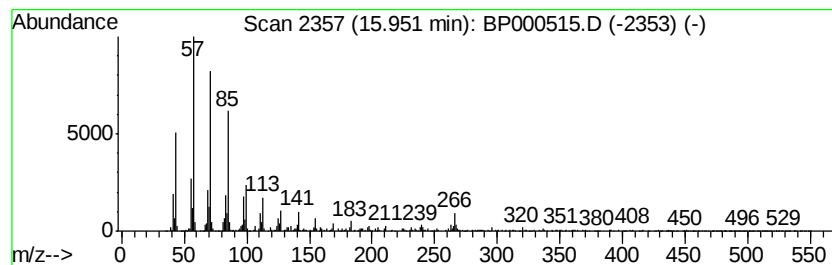
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.52 ng	143842	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Heptadecane		240	C17H36	000629-78-7	95
3	Dotriacontane		451	C32H66	000544-85-4	93
4	Tetracosane		338	C24H50	000646-31-1	91
5	triacontane		422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100419\
 Data File : BP000515.D
 Acq On : 04 Oct 2019 18:24
 Operator : JU
 Sample : K5143-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-100219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
unknown6.54	6.54	66.3	ng	4169360	1	6.77	1257640	20.0
1-Acetyl-4,6,8-tr...	11.53	3.1	ng	162664	4	11.31	1040510	20.0
Hexadecanoic acid...	11.72	17.3	ng	897679	4	11.31	1040510	20.0
n-Hexadecanoic acid	11.85	2.1	ng	111125	4	11.31	1040510	20.0
9,12-Octadecadien...	12.41	36.0	ng	1874120	4	11.31	1040510	20.0
11-Octadecenoic a...	12.43	43.9	ng	2284580	4	11.31	1040510	20.0
17-Octadecynoic a...	13.17	3.3	ng	220960	5	13.98	1337780	20.0
Cyclohexadecane	13.83	3.1	ng	210662	5	13.98	1337780	20.0
Squalene	14.85	2.6	ng	147289	6	15.46	1142140	20.0
Octadecane	15.12	3.3	ng	189763	6	15.46	1142140	20.0
Benzo[e]pyrene	15.33	4.0	ng	228147	6	15.46	1142140	20.0
Heneicosane	15.95	2.5	ng	143842	6	15.46	1142140	20.0