

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001665.D
 Acq On : 17 Jan 2020 19:34
 Operator : JU
 Sample : L1017-04 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-011520

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-BP010820.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	5.264	415	421	432	rBV	481430	697642	2.54%	0.830%
2	6.828	681	687	699	rBV	506842	828547	3.02%	0.985%
3	7.175	737	746	758	rBV	505583	797224	2.90%	0.948%
4	7.634	817	824	834	rBV	309999	502883	1.83%	0.598%
5	7.952	870	878	885	rBV	387967	619449	2.26%	0.737%
6	8.781	1013	1019	1028	rBV	294972	490725	1.79%	0.583%
7	10.410	1287	1296	1301	rBV	354563	614977	2.24%	0.731%
8	12.898	1712	1719	1726	rBV	569706	868301	3.16%	1.032%
9	14.281	1946	1954	1960	rBV	441799	661538	2.41%	0.787%
10	15.340	2127	2134	2139	rBV	299163	439483	1.60%	0.523%
11	15.781	2197	2209	2218	rBV2	354828	573786	2.09%	0.682%
12	16.228	2278	2285	2289	rBV	257008	300865	1.10%	0.358%
13	17.045	2415	2424	2427	rBV	413035	649022	2.36%	0.772%
14	17.086	2427	2431	2438	rVV	1311625	1857422	6.77%	2.209%
15	17.175	2438	2446	2452	rVB	424098	606216	2.21%	0.721%
16	17.616	2518	2521	2529	rVB	351457	454611	1.66%	0.541%
17	17.757	2538	2545	2549	rBV	6501288	7908132	28.81%	9.403%
18	18.110	2598	2605	2609	rBV2	262953	421053	1.53%	0.501%
19	18.875	2728	2735	2738	rBV	11880827	18911227	68.88%	22.486%
20	18.916	2738	2742	2750	rVV	14629141	27453775	100.00%	32.644%
21	19.028	2756	2761	2764	rVV	3105900	3466205	12.63%	4.121%
22	19.075	2764	2769	2774	rVB	1517185	1974348	7.19%	2.348%
23	19.428	2817	2829	2838	rBV	1229927	2137886	7.79%	2.542%
24	19.633	2856	2864	2868	rBV	684623	917809	3.34%	1.091%
25	19.910	2908	2911	2916	rVB	295773	391734	1.43%	0.466%
26	19.980	2916	2923	2925	rBV	518653	651088	2.37%	0.774%
27	20.010	2925	2928	2932	rVB	293288	341722	1.24%	0.406%
28	20.086	2939	2941	2945	rVB	301762	305542	1.11%	0.363%
29	21.016	3095	3099	3108	rBV2	260631	347759	1.27%	0.413%
30	21.139	3115	3120	3125	rBV3	1026811	1898920	6.92%	2.258%
31	21.186	3125	3128	3137	rVB	702990	852549	3.11%	1.014%
32	22.721	3382	3389	3401	rBV	503681	1634445	5.95%	1.943%
33	23.192	3463	3469	3478	rVB	308799	600842	2.19%	0.714%
34	23.286	3479	3485	3494	rVV	526723	1124610	4.10%	1.337%

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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	23.380	3496	3501	3506	rVV	356495	688137	2.51%	0.818%
36	25.639	3877	3885	3896	rVB2	225086	647584	2.36%	0.770%
37	26.327	3996	4002	4018	rVB	152827	463637	1.69%	0.551%

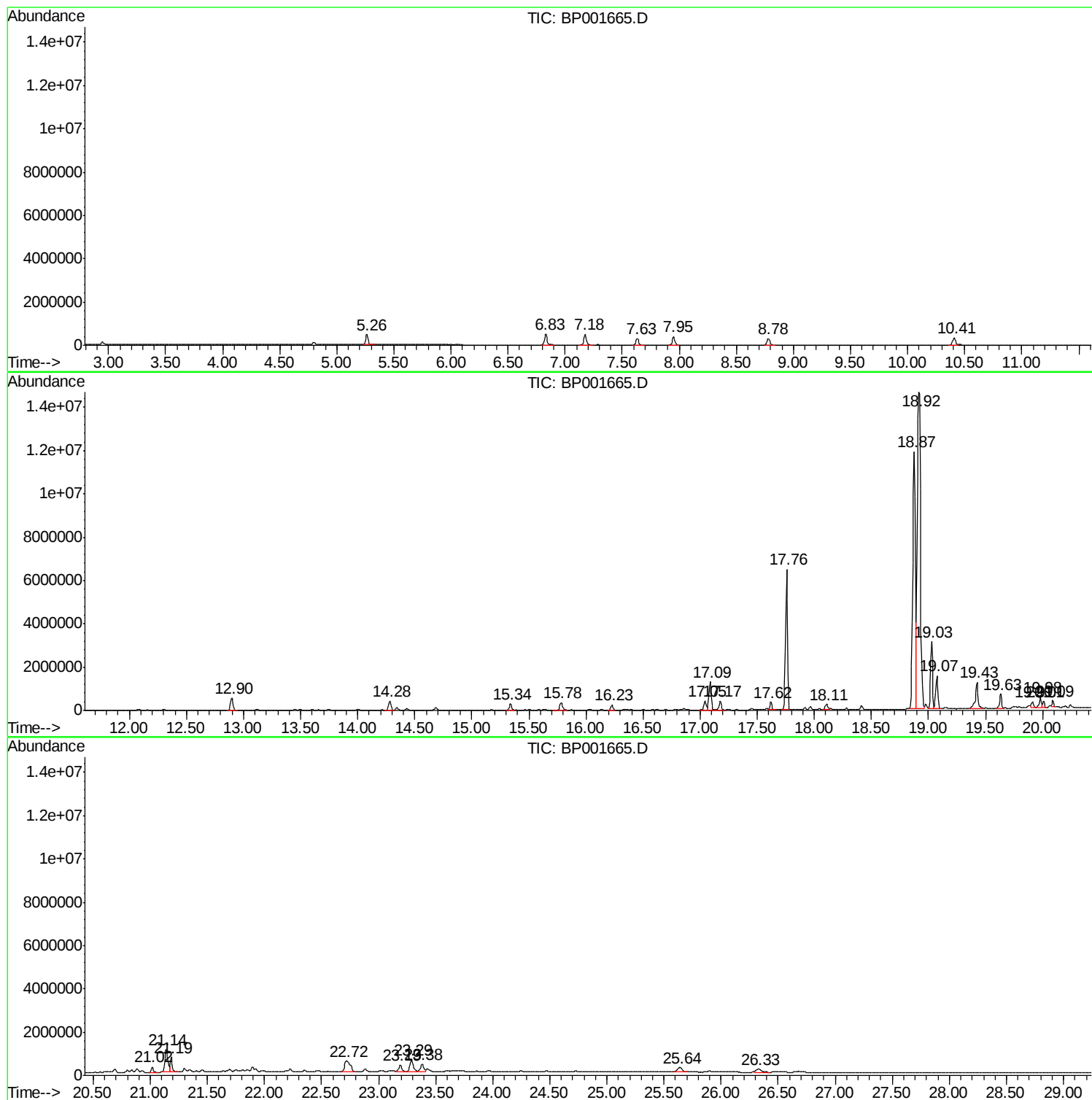
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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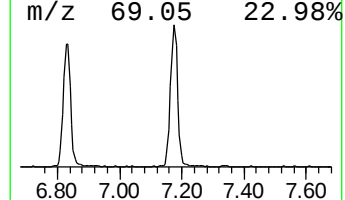
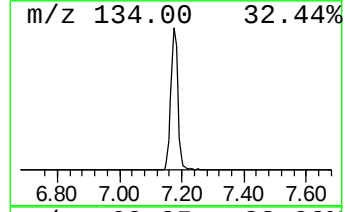
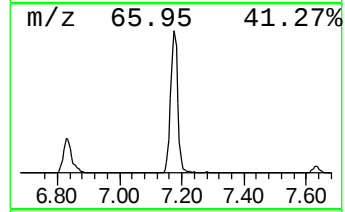
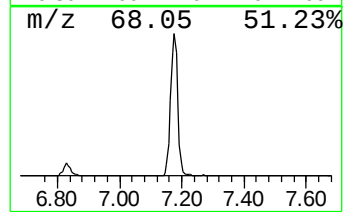
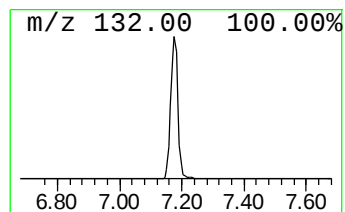
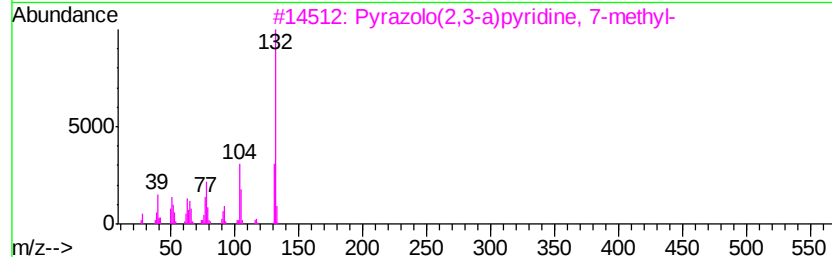
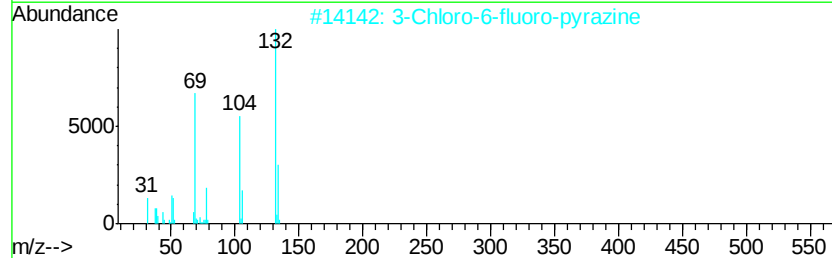
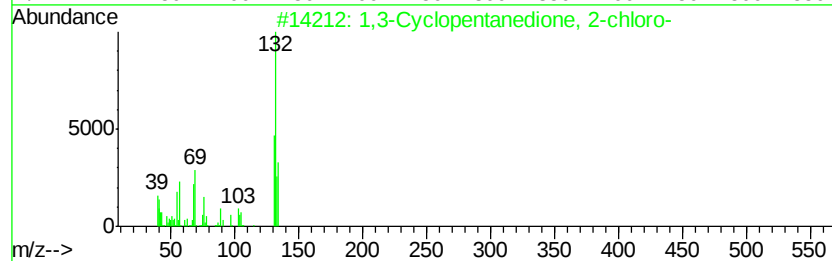
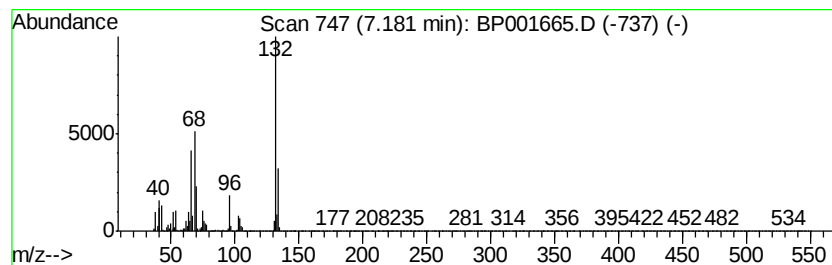
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	31.71 ng	797224	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10



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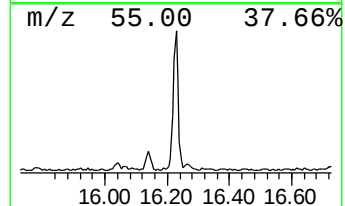
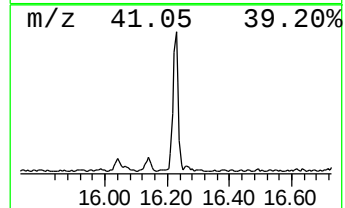
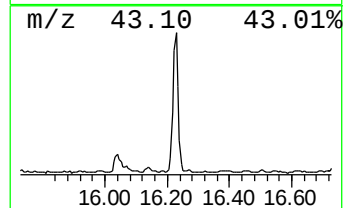
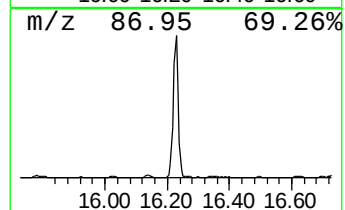
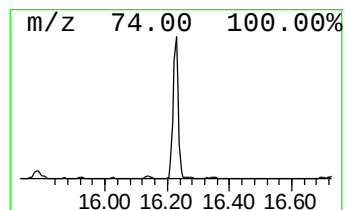
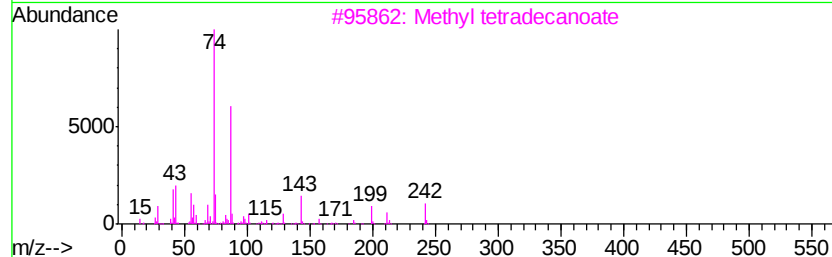
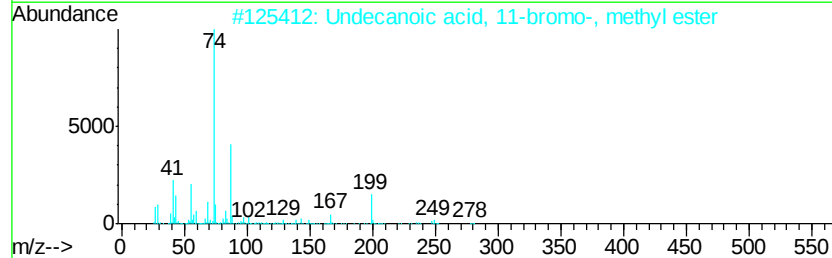
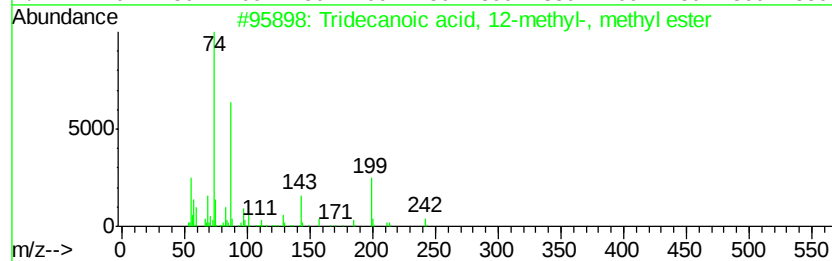
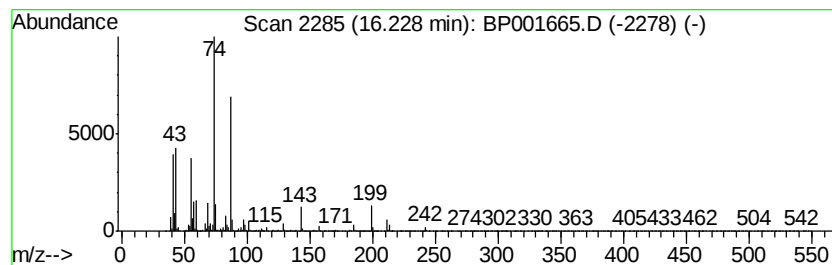
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Peak Number 3 Tridecanoic acid, 12-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	9.27 ng	300865	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	91
2		Undecanoic acid, 11-bromo-, meth...	278	C12H23BrO2	006287-90-7	90
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86



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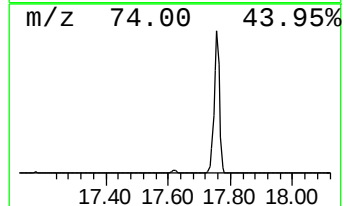
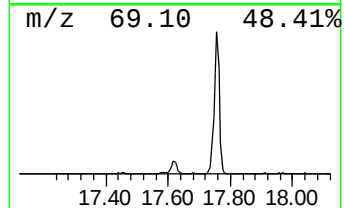
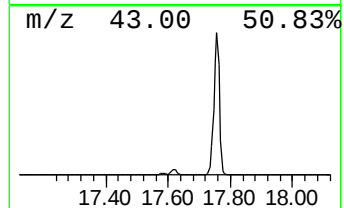
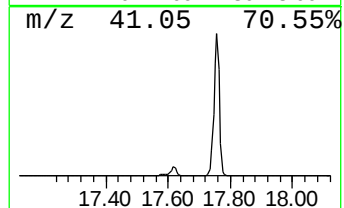
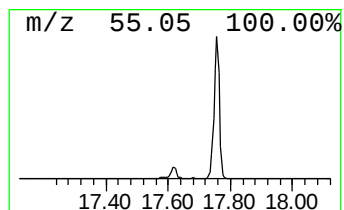
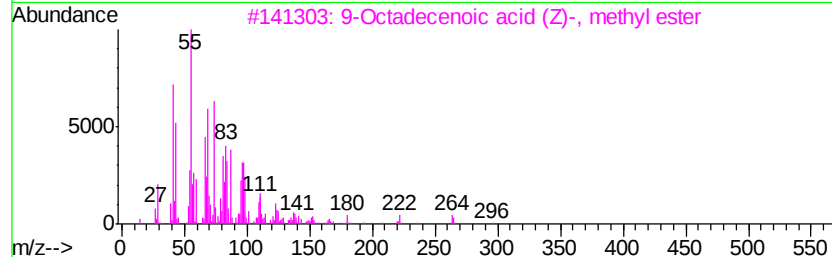
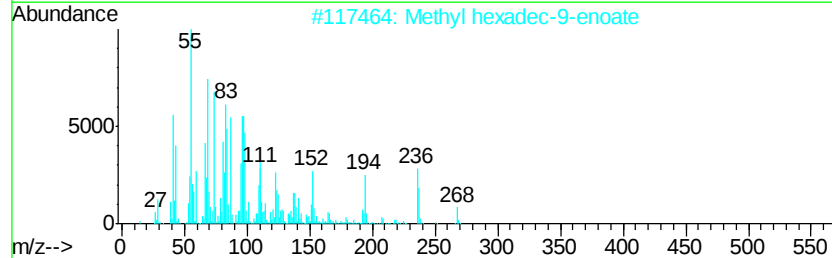
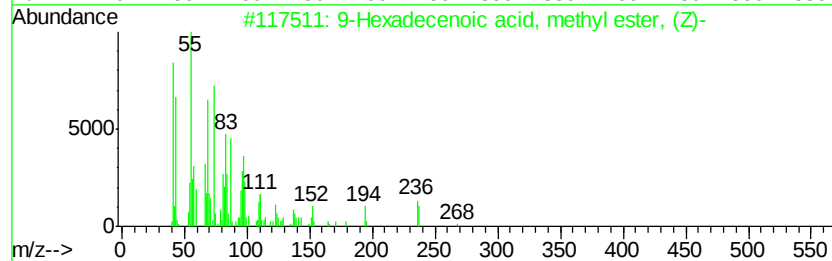
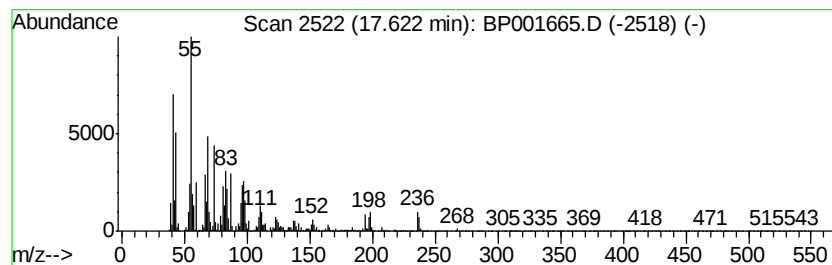
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	14.01 ng	454611	Phenanthrene-d10	17.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2		Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	87
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81
4		Methyl myristoleate	240	C15H28O2	056219-06-8	80
5		14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	80



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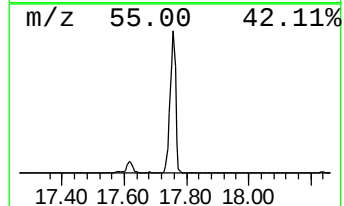
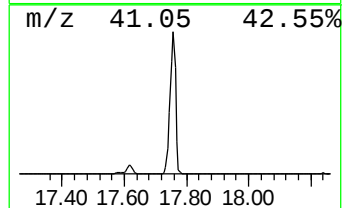
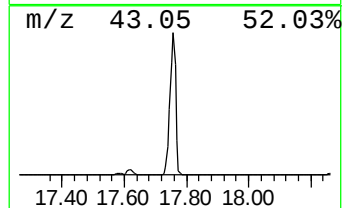
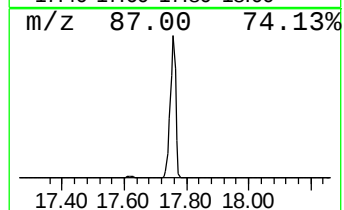
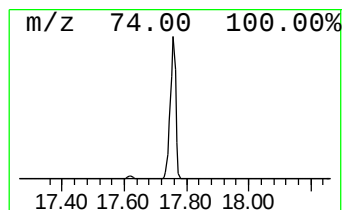
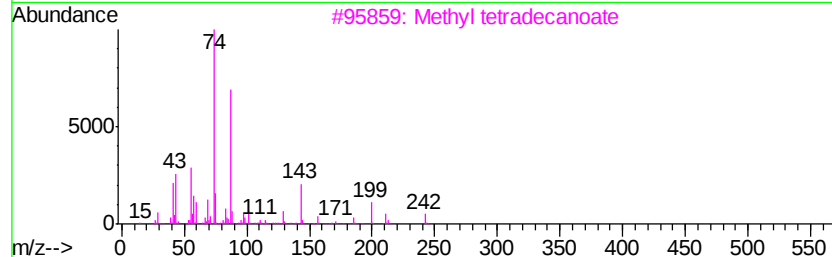
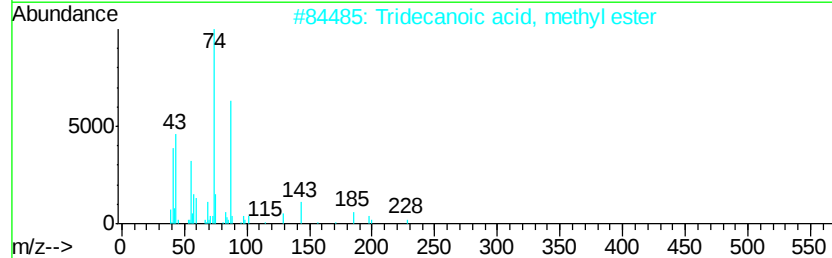
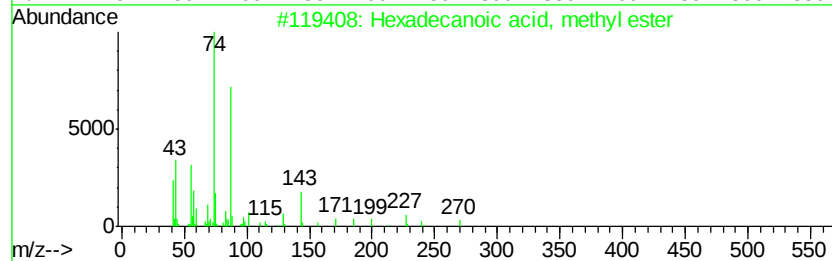
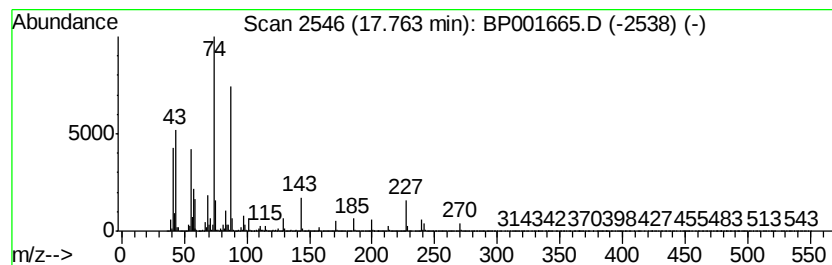
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	243.69 ng	7908130	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
5		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87



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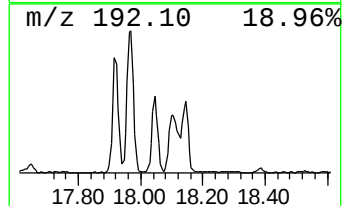
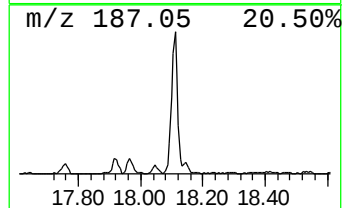
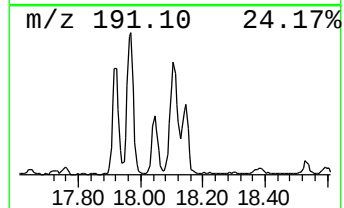
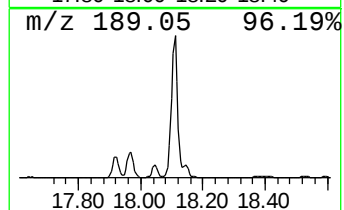
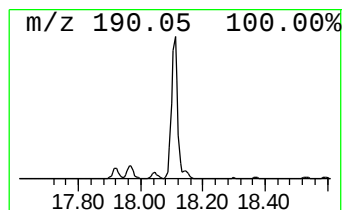
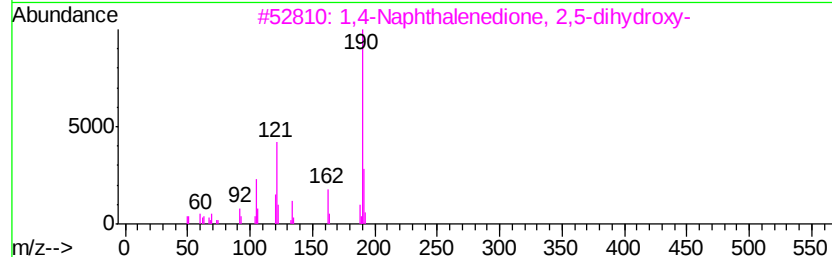
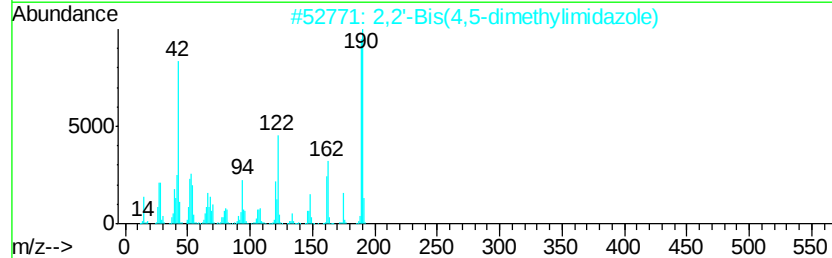
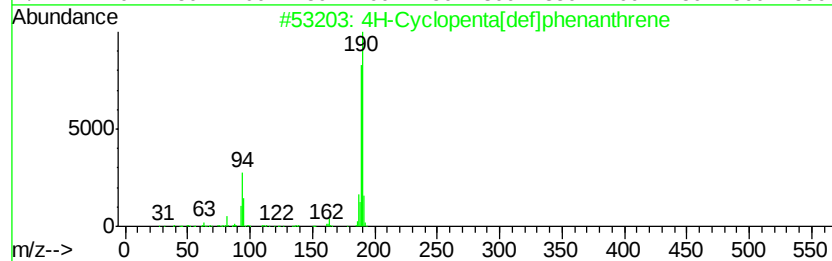
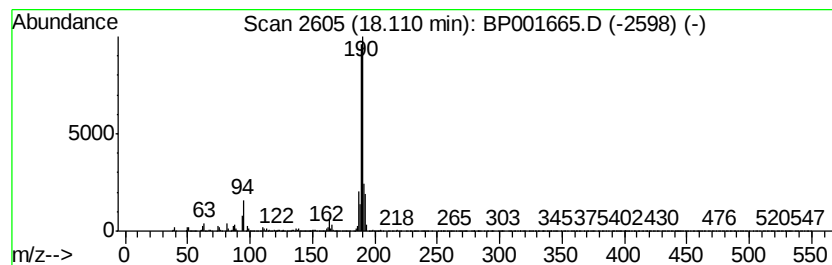
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	12.98 ng	421053	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
4		Methyl diselenide	190	C2H6Se2	007101-31-7	22
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
Acq On : 17 Jan 2020 19:34
Operator : JU
Sample : L1017-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-011520

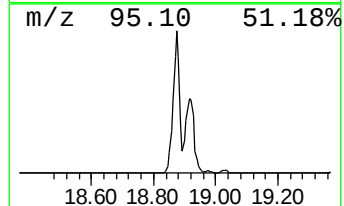
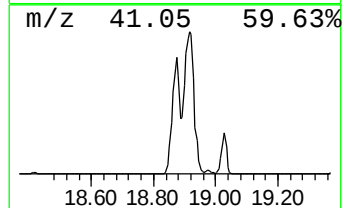
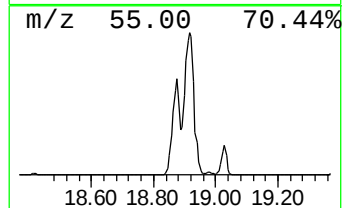
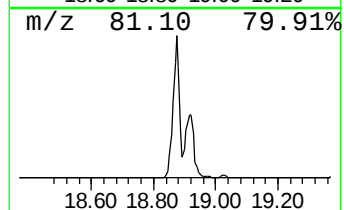
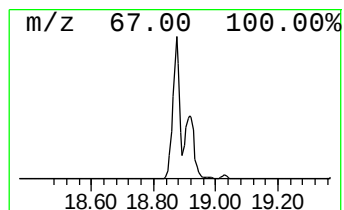
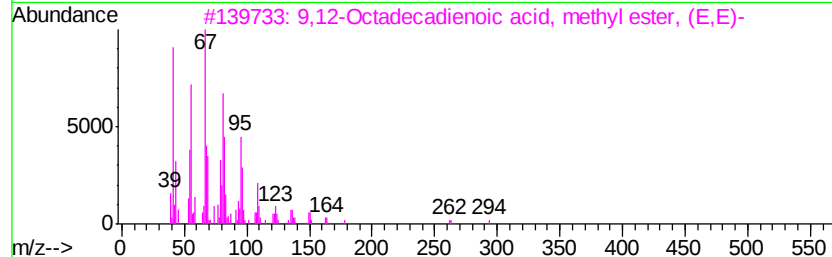
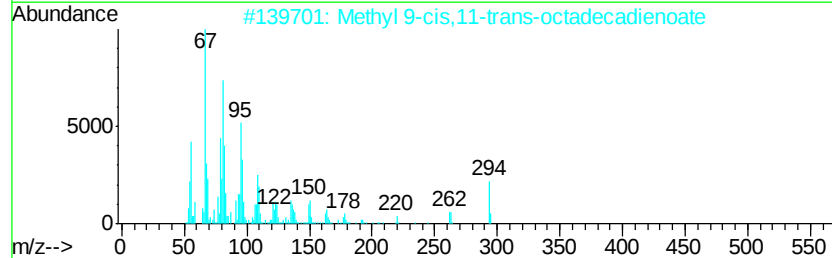
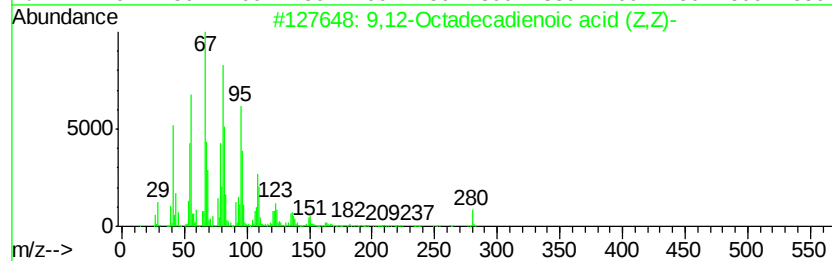
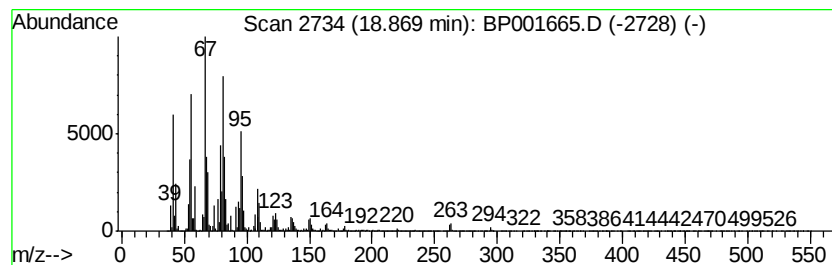
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	582.76 ng	18911200	Phenanthrene-d10	17.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2		000060-33-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2		1000336-44-0	99
3	9,12-Octadecadienoic acid, methv...	294	C19H34O2		002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2		000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2		002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
Acq On : 17 Jan 2020 19:34
Operator : JU
Sample : L1017-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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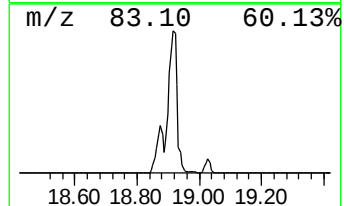
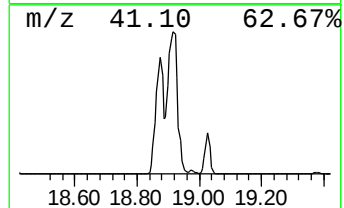
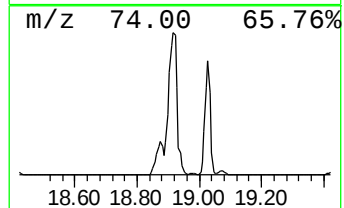
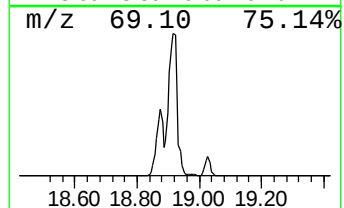
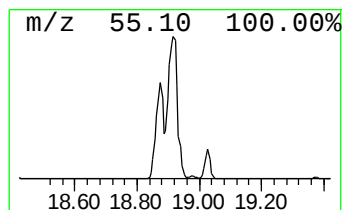
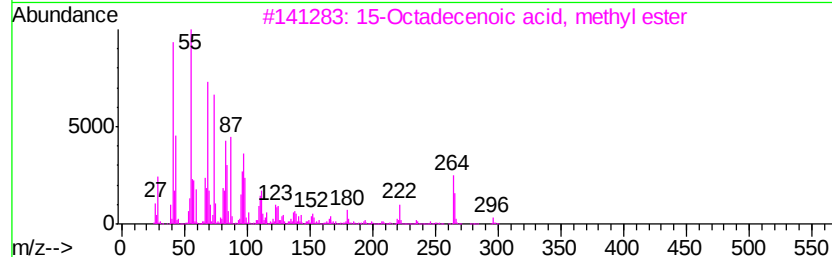
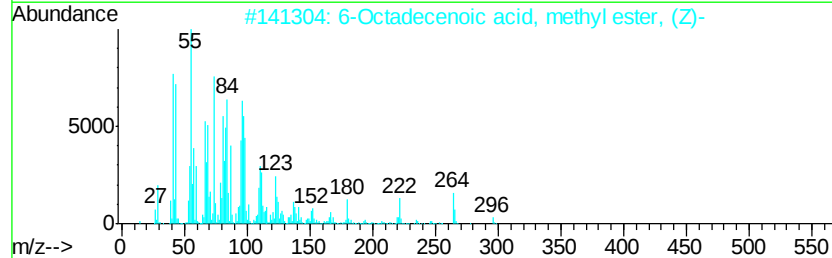
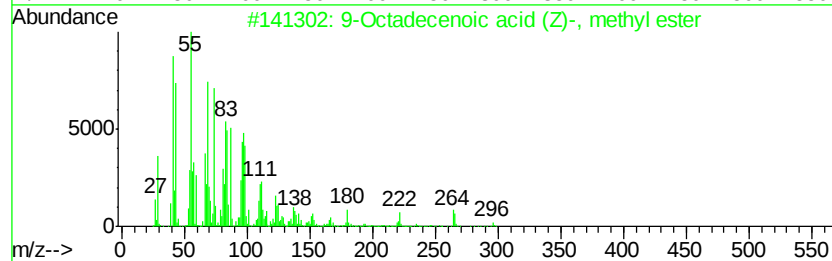
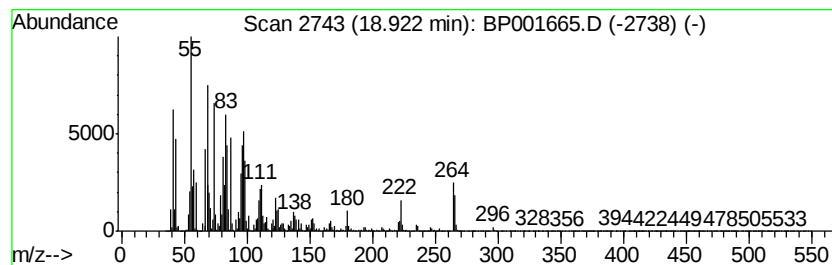
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	846.00 ng	27453800	Phenanthrene-d10	17.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
Acq On : 17 Jan 2020 19:34
Operator : JU
Sample : L1017-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

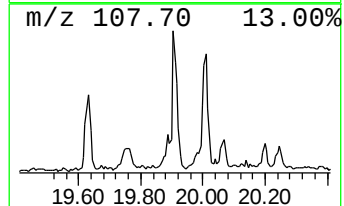
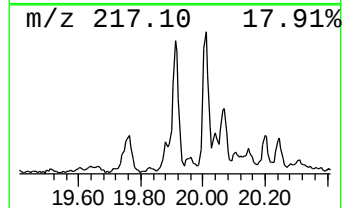
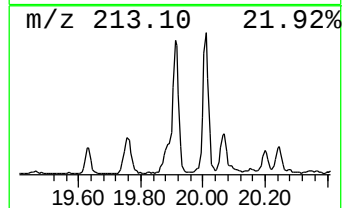
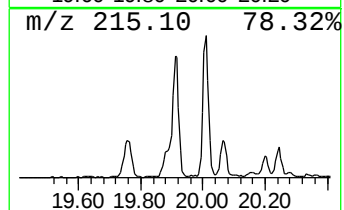
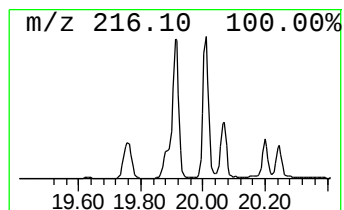
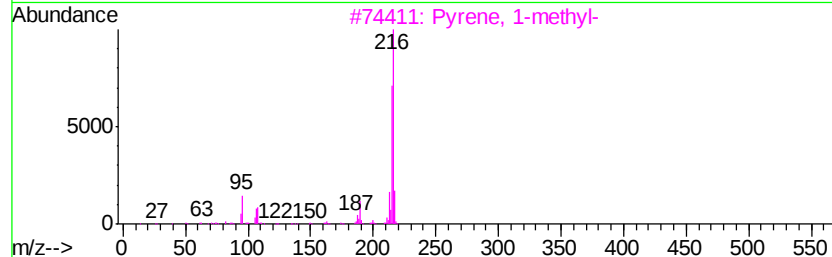
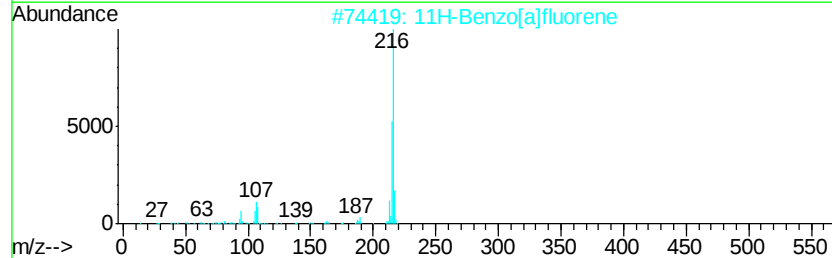
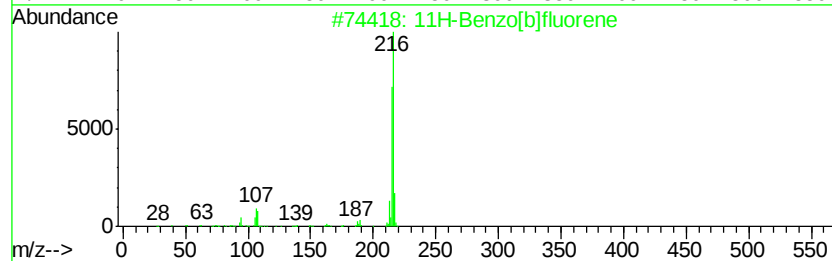
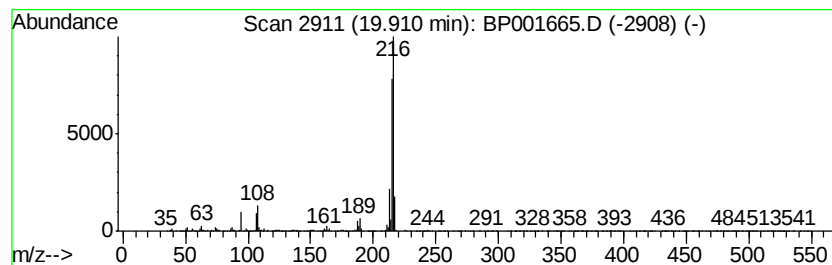
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	4.13 ng	391734	Chrysene-d12	21.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 91
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
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Operator : JU
Sample : L1017-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-011520

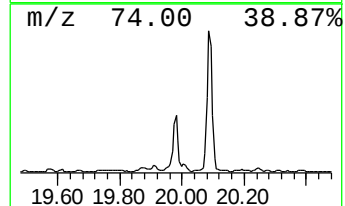
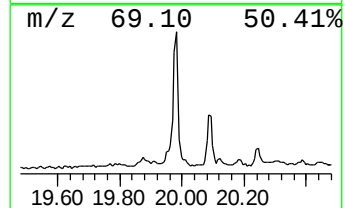
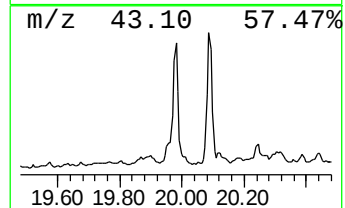
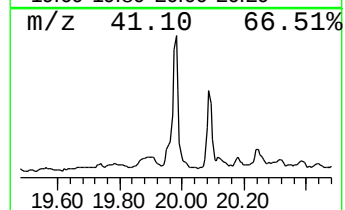
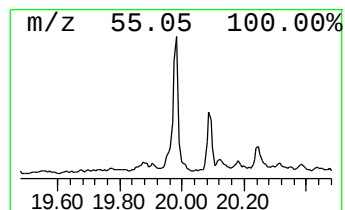
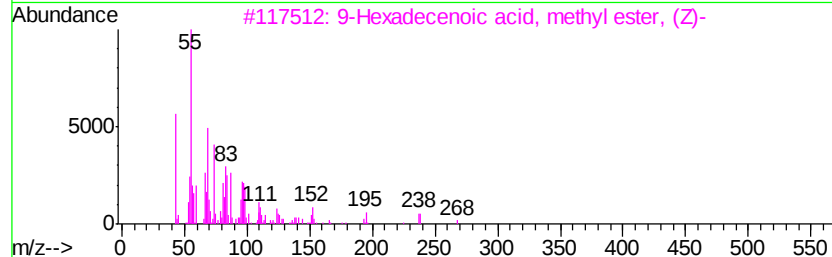
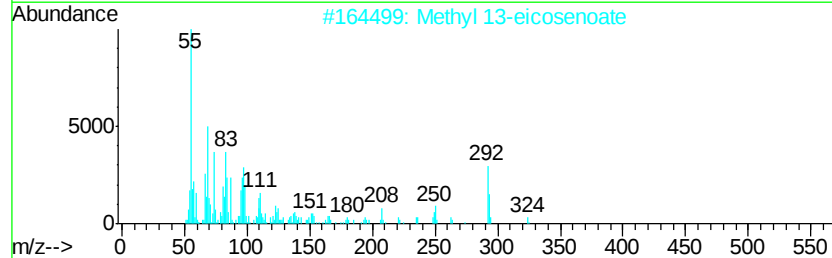
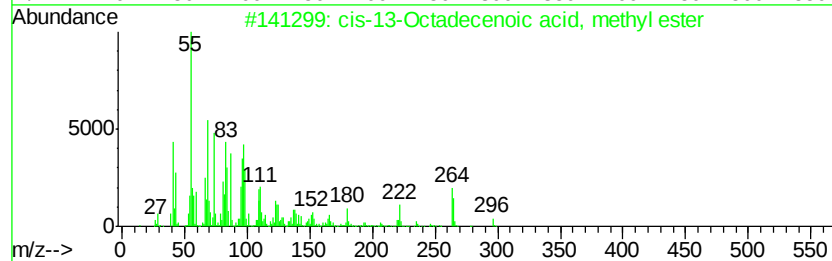
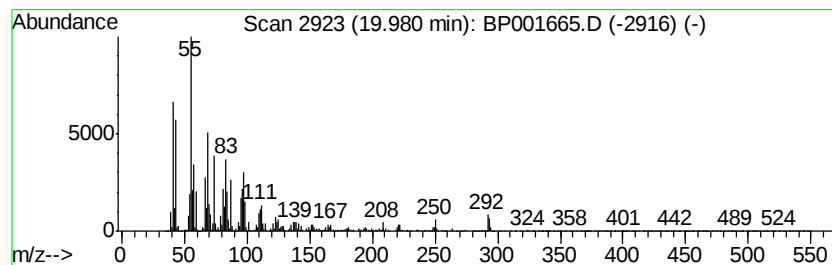
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 cis-13-Octadecenoic acid, m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	6.86 ng	651088	Chrysene-d12	21.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	97
2			Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	96
3			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	93
4			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
5			Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
Acq On : 17 Jan 2020 19:34
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Sample : L1017-04 2X
Misc :
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ClientSampleId :
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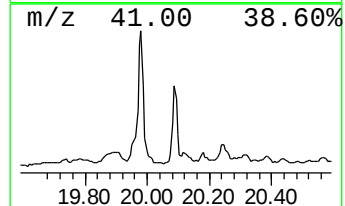
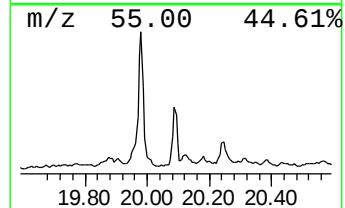
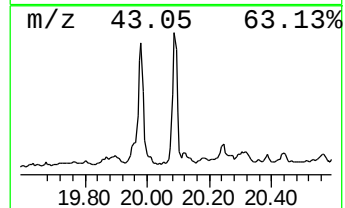
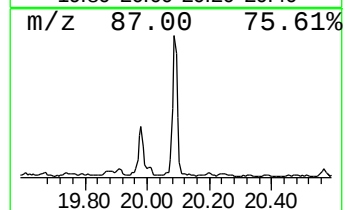
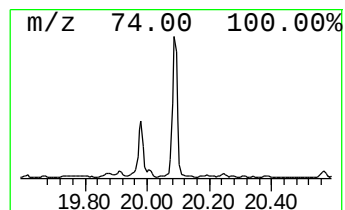
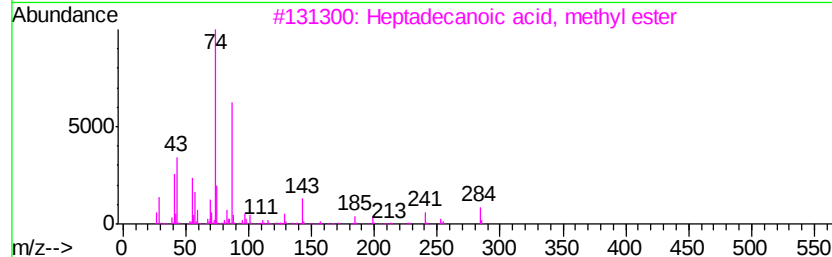
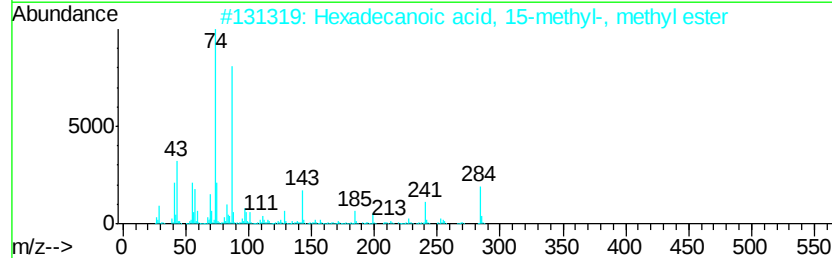
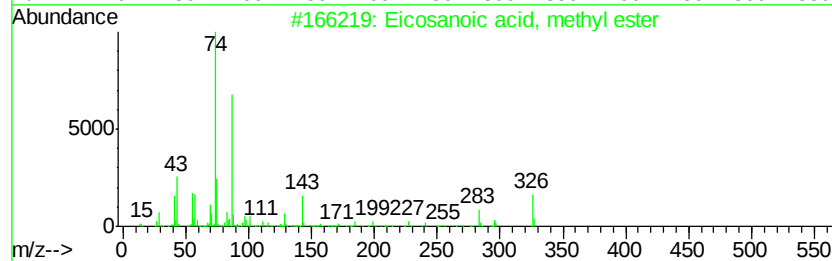
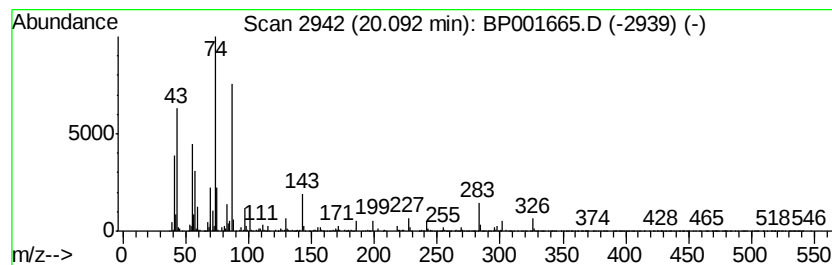
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	3.22 ng	305542	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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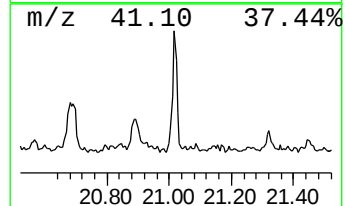
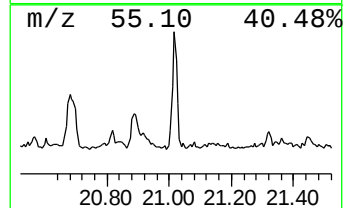
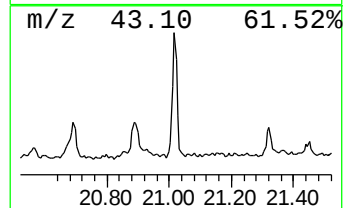
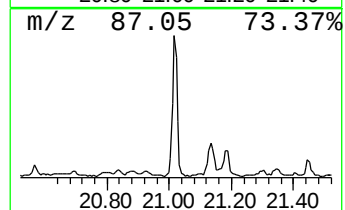
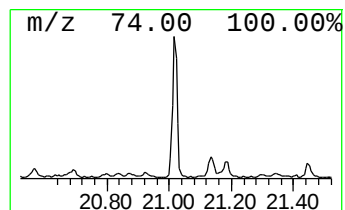
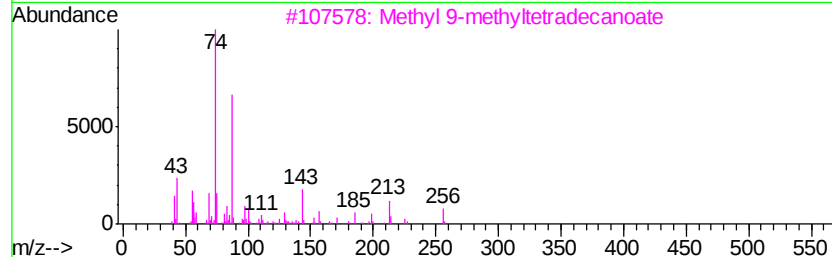
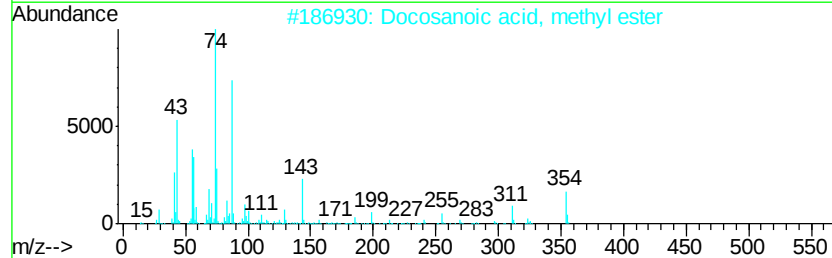
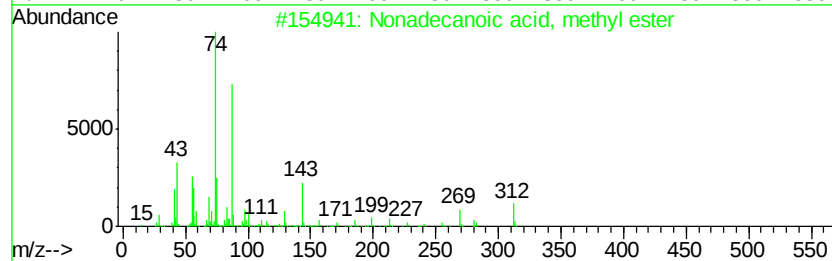
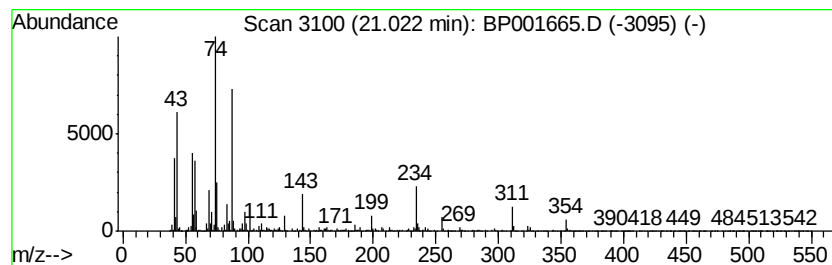
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecanoic acid, methyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.66 ng	347759	Chrysene-d12	21.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	97
2			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	94
3			Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	91
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
5			Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001665.D
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Sample : L1017-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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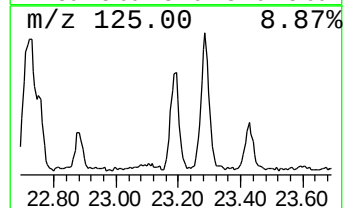
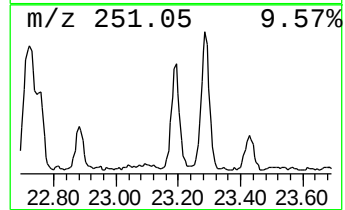
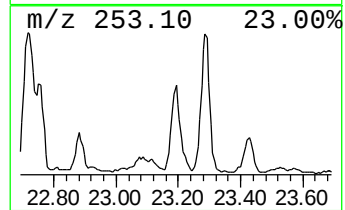
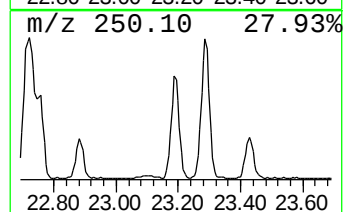
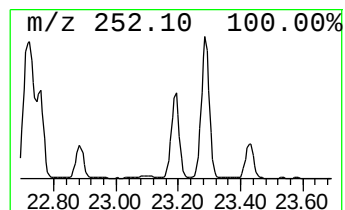
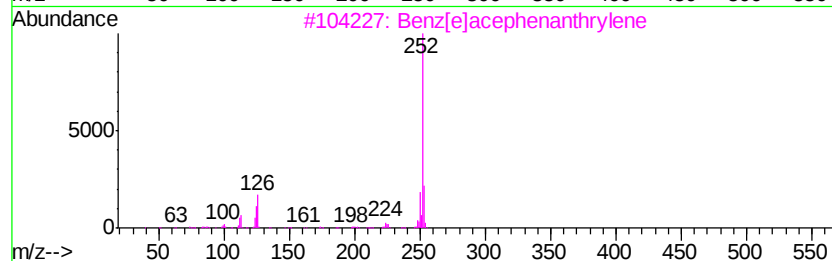
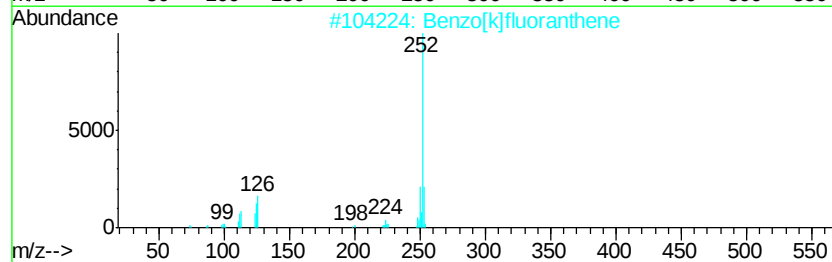
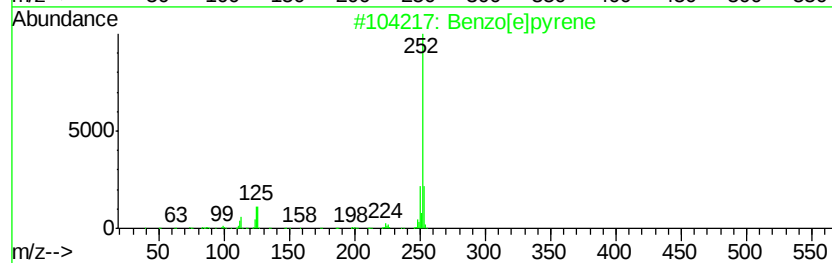
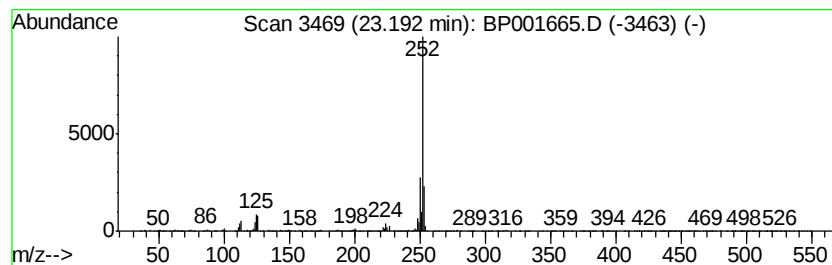
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	17.46 ng	600842	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
 Data File : BP001665.D
 Acq On : 17 Jan 2020 19:34
 Operator : JU
 Sample : L1017-04 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
unknown7.18	7.18	31.7	ng	797224	1	7.63	502883	20.0
Tridecanoic acid,...	16.23	9.3	ng	300865	4	17.05	649022	20.0
9-Hexadecenoic ac...	17.62	14.0	ng	454611	4	17.05	649022	20.0
Hexadecanoic acid...	17.76	243.7	ng	7908130	4	17.05	649022	20.0
4H-Cyclopenta[def...	18.11	13.0	ng	421053	4	17.05	649022	20.0
9,12-Octadecadien...	18.87	582.8	ng	18911200	4	17.05	649022	20.0
9-Octadecenoic ac...	18.92	846.0	ng	27453800	4	17.05	649022	20.0
11H-Benzo[b]fluorene	19.91	4.1	ng	391734	5	21.15	1898920	20.0
cis-13-Octadeceno...	19.98	6.9	ng	651088	5	21.15	1898920	20.0
Eicosanoic acid, ...	20.09	3.2	ng	305542	5	21.15	1898920	20.0
Nonadecanoic acid...	21.02	3.7	ng	347759	5	21.15	1898920	20.0
Benzo[e]pyrene	23.19	17.5	ng	600842	6	23.38	688137	20.0