

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
 Data File : BM024706.D
 Acq On : 03 Feb 2020 19:24
 Operator : CG/JU
 Sample : L1347-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-01

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_M\METHODS\8270-BM012320.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	5.069	365	371	382	rBV	3593798	5065025	49.71%	5.508%
2	6.628	628	636	651	rBV	3447233	5216138	51.20%	5.673%
3	7.422	764	771	782	rVB	1005053	1538512	15.10%	1.673%
4	7.739	818	825	832	rBV	3001659	4554119	44.70%	4.953%
5	8.563	954	965	982	rBV	2165420	3498179	34.33%	3.804%
6	10.180	1232	1240	1246	rBV	1276826	2062660	20.24%	2.243%
7	12.686	1659	1666	1678	rBV	5292502	7512242	73.73%	8.170%
8	13.545	1802	1812	1817	rBV	139784	250755	2.46%	0.273%
9	13.792	1848	1854	1864	rBV	198728	340157	3.34%	0.370%
10	14.074	1895	1902	1908	rBV	2007485	2841459	27.89%	3.090%
11	14.139	1909	1913	1917	rVB	90900	121883	1.20%	0.133%
12	14.480	1966	1971	1978	rVB2	62698	113996	1.12%	0.124%
13	15.133	2077	2082	2088	rBV	154494	247827	2.43%	0.270%
14	15.574	2150	2157	2168	rBV	5143301	7295381	71.60%	7.934%
15	16.645	2336	2339	2344	rVB	80971	112724	1.11%	0.123%
16	16.827	2364	2370	2374	rBV	2335172	3283291	32.23%	3.571%
17	16.868	2374	2377	2383	rVB	1283250	1643979	16.14%	1.788%
18	16.956	2388	2392	2399	rVB	415114	598998	5.88%	0.651%
19	17.233	2435	2439	2446	rBV	142164	245625	2.41%	0.267%
20	17.703	2515	2519	2523	rBV	223942	313714	3.08%	0.341%
21	17.768	2523	2530	2535	rVV2	433244	887176	8.71%	0.965%
22	17.833	2538	2541	2545	rVV	141815	191799	1.88%	0.209%
23	17.892	2547	2551	2556	rVV2	412336	728850	7.15%	0.793%
24	17.933	2556	2558	2562	rVB	170679	200125	1.96%	0.218%
25	18.215	2602	2606	2608	rBV2	181890	245684	2.41%	0.267%
26	18.245	2609	2611	2618	rVB3	172366	250666	2.46%	0.273%
27	18.639	2674	2678	2683	rBV	252944	357466	3.51%	0.389%
28	18.774	2697	2701	2708	rBV3	189189	348887	3.42%	0.379%
29	18.898	2717	2722	2728	rBV	3482880	4460893	43.78%	4.851%
30	19.056	2745	2749	2754	rBV2	133992	264951	2.60%	0.288%
31	19.262	2775	2784	2788	rBV	3127309	4754559	46.67%	5.171%
32	19.450	2813	2816	2817	rBV	152110	160708	1.58%	0.175%
33	19.486	2817	2822	2834	rVB	8267090	10188593	100.00%	11.080%
34	19.768	2867	2870	2874	rVB	496768	640761	6.29%	0.697%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.868	2884	2887	2891	rVB	315856	375318	3.68%	0.408%
36	19.927	2894	2897	2901	rVB2	327661	417197	4.09%	0.454%
37	20.797	3042	3045	3054	rVB3	949621	1499051	14.71%	1.630%
38	21.039	3080	3086	3090	rBV2	3498714	6523502	64.03%	7.094%
39	21.074	3090	3092	3101	rVB	1665385	1979392	19.43%	2.153%
40	22.533	3335	3340	3345	rBV	1561088	3450934	33.87%	3.753%
41	22.974	3411	3415	3422	rVB	1000553	1681209	16.50%	1.828%
42	23.062	3425	3430	3435	rBV	1415184	2284042	22.42%	2.484%
43	23.150	3441	3445	3450	rVB	2077354	3203855	31.45%	3.484%

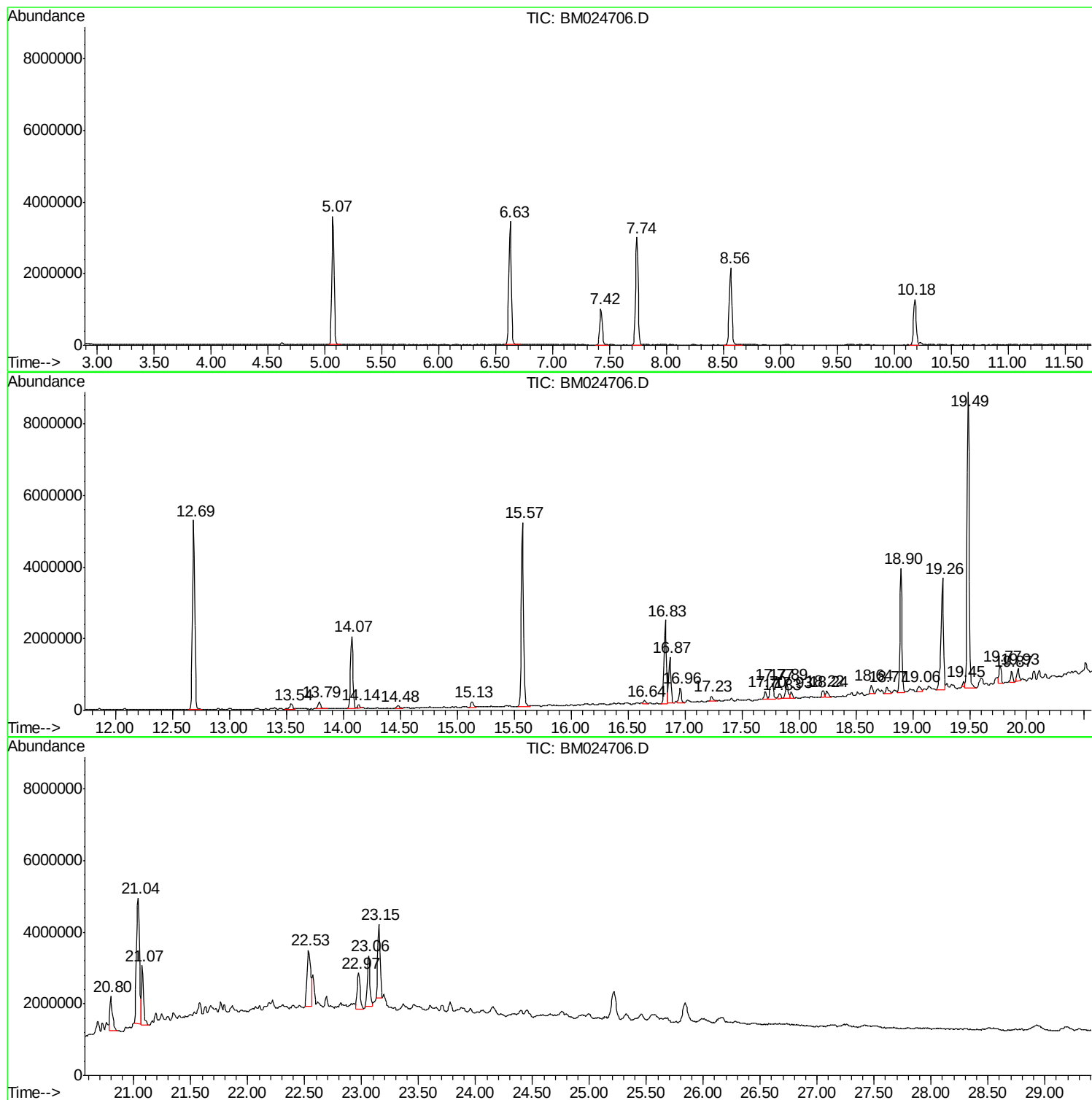
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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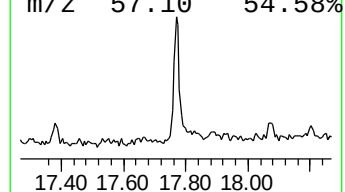
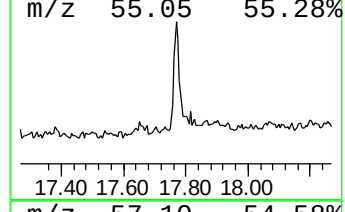
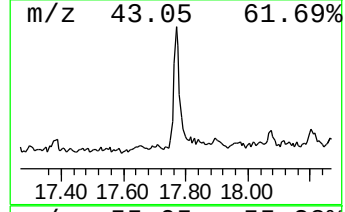
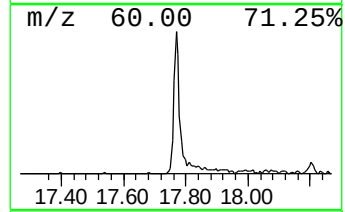
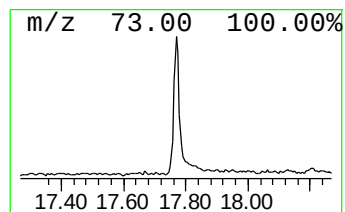
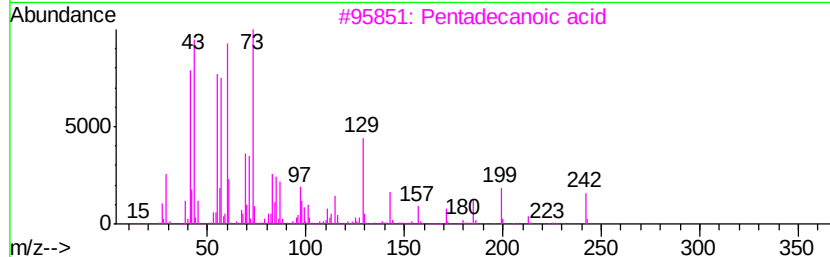
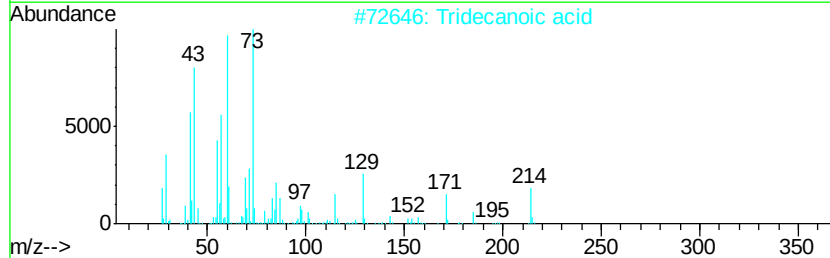
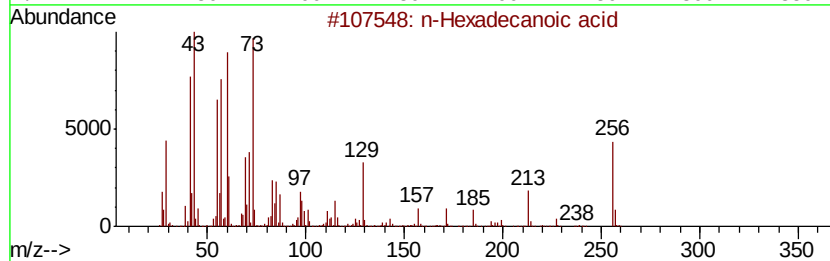
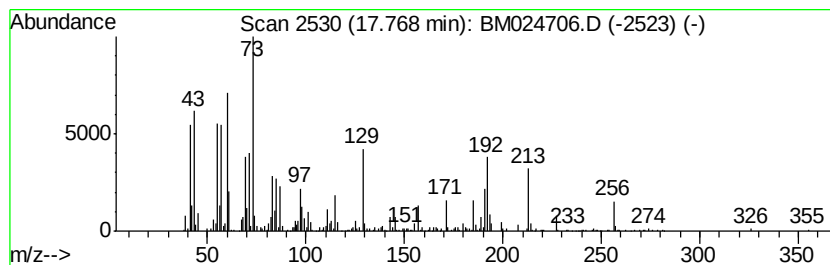
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	5.40 ng	887176	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	78
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampled :
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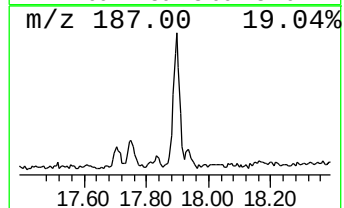
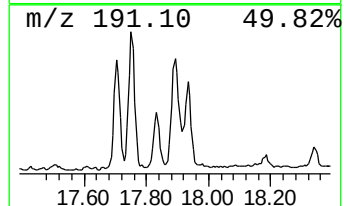
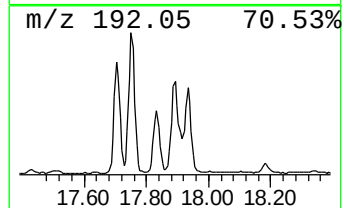
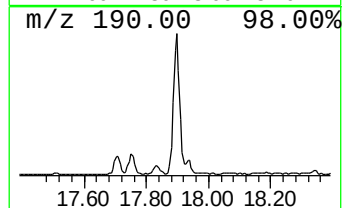
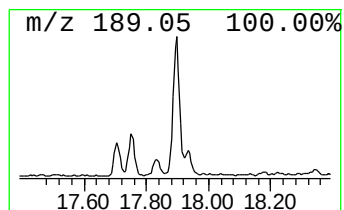
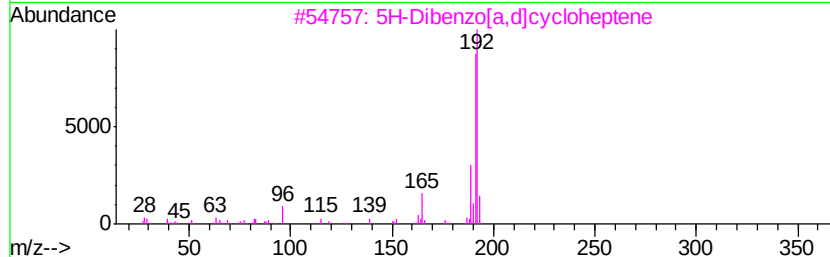
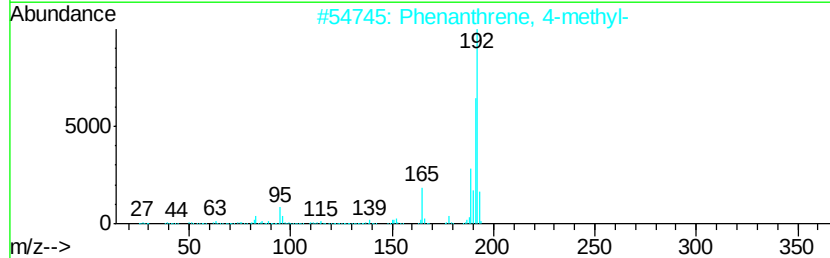
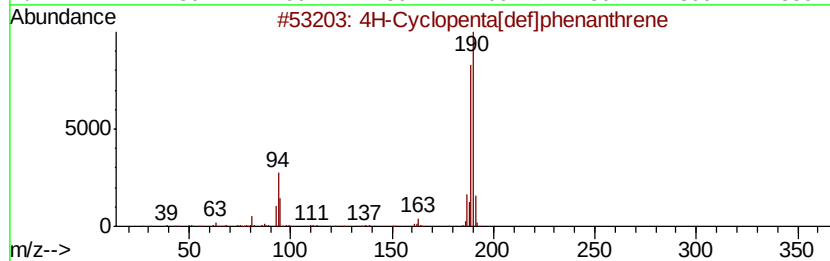
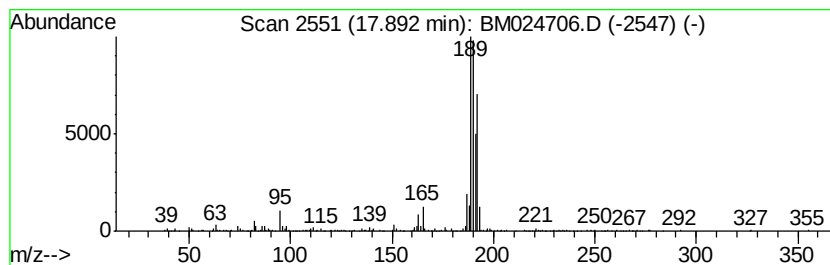
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.44 ng	728850	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	38
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
5		2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	30



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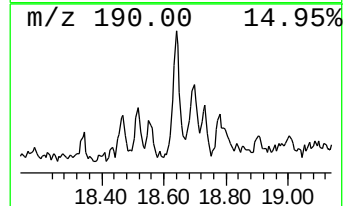
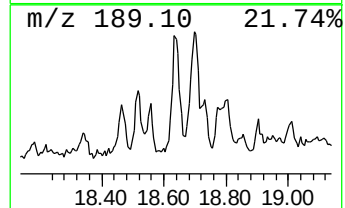
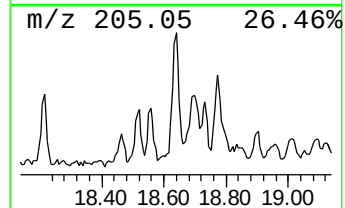
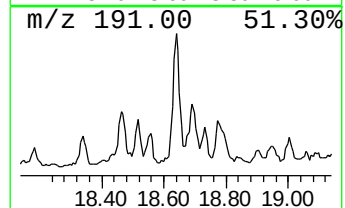
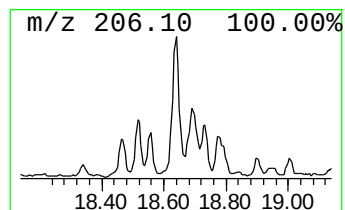
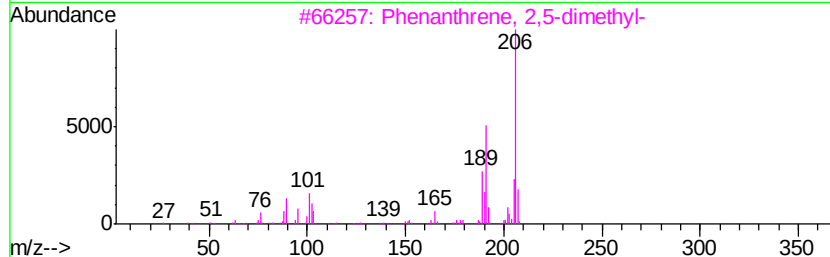
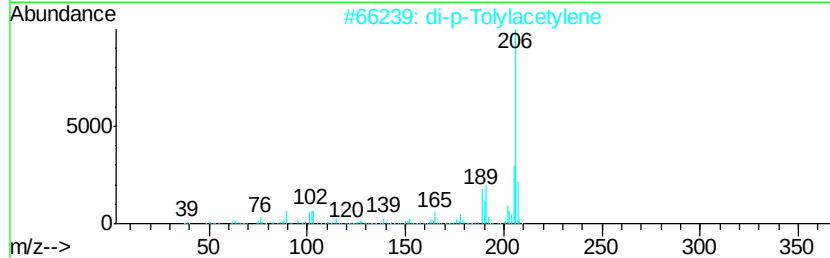
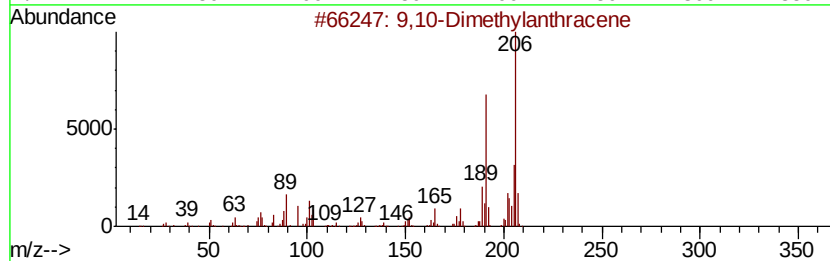
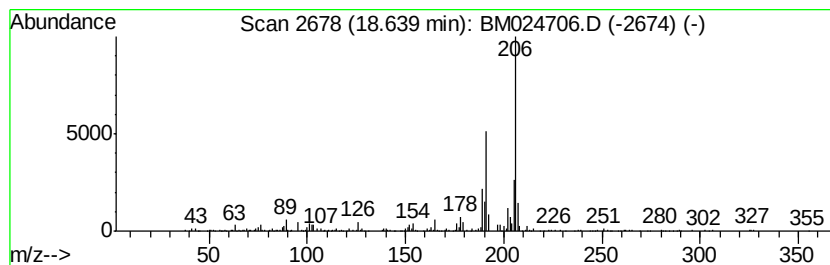
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.18 ng	357466	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	91
2	di-p-Tolylacetylene			206	C16H14	002789-88-0	90
3	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	87
4	Phenanthrene, 2,3-dimethyl-			206	C16H14	003674-65-5	87
5	Phenanthrene, 4,5-dimethyl-			206	C16H14	003674-69-9	81



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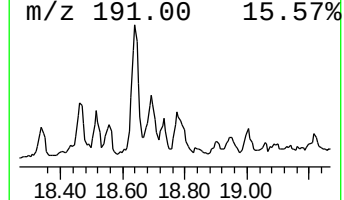
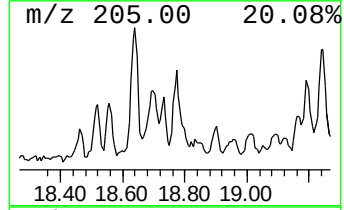
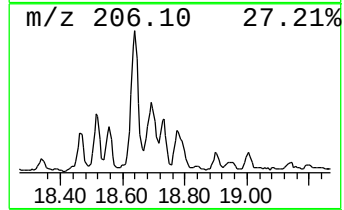
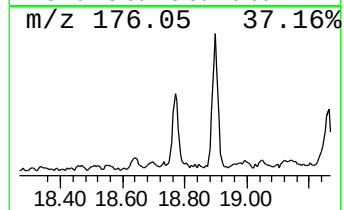
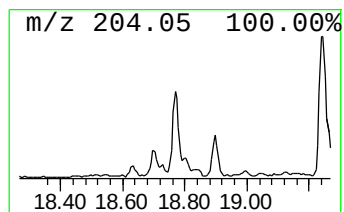
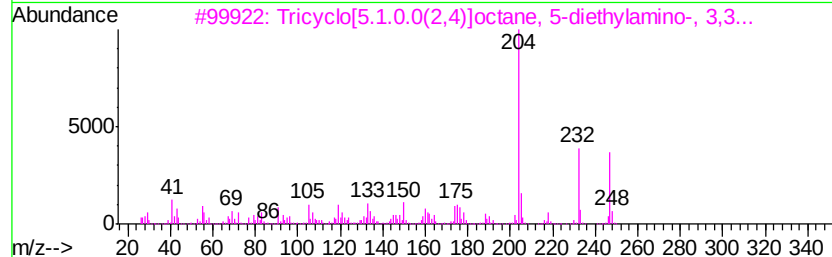
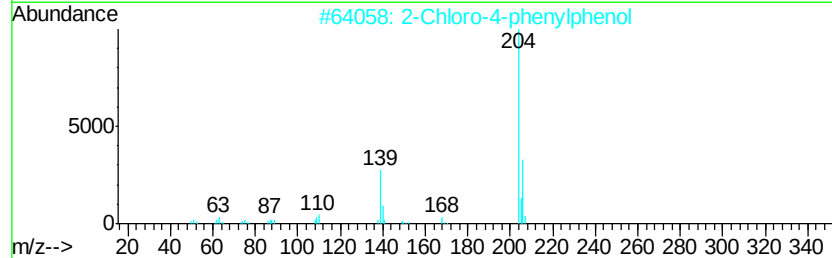
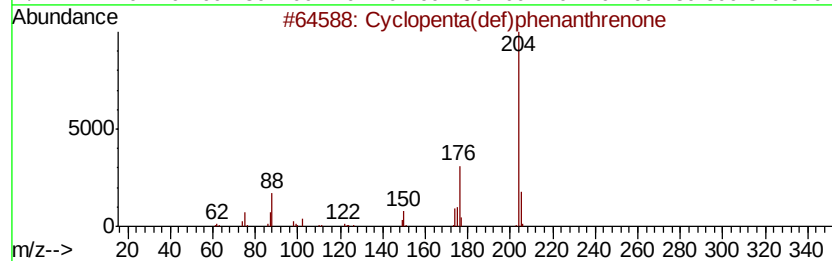
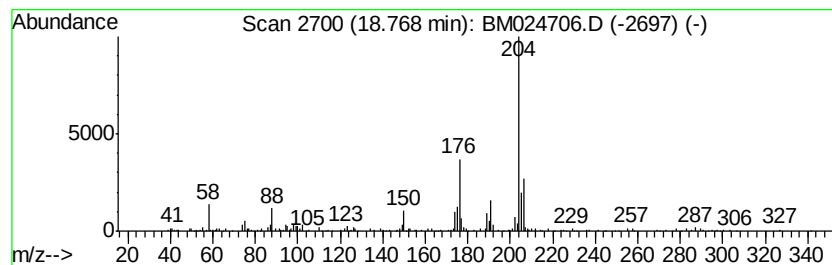
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.13 ng	348887	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
3		Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
4		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	38
5		.alpha.-L-Galactopyranose, 6-deo...	452	C18H44O5Si4	032727-30-3	38



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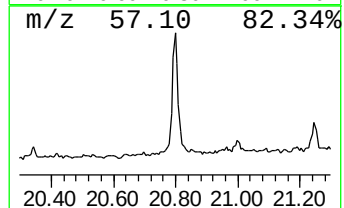
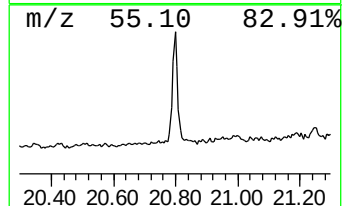
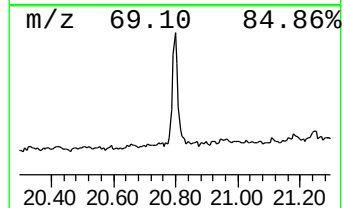
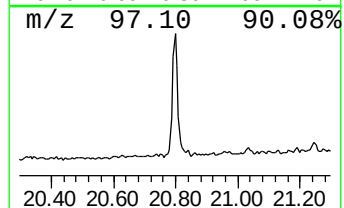
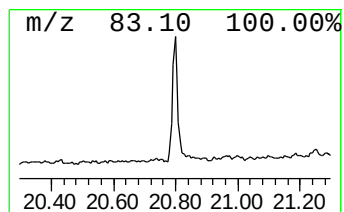
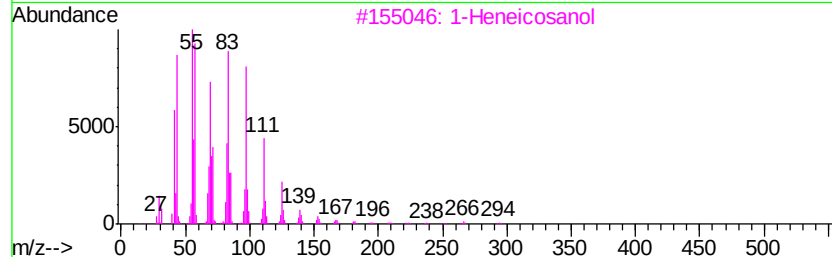
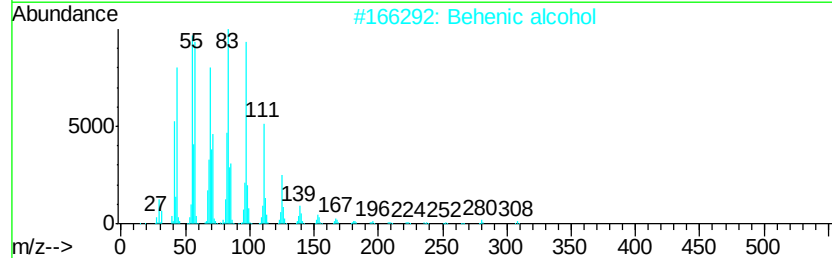
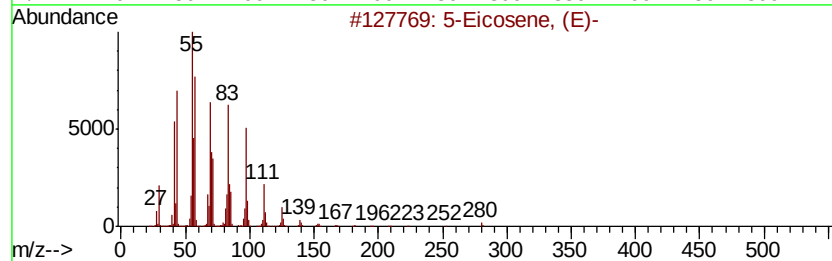
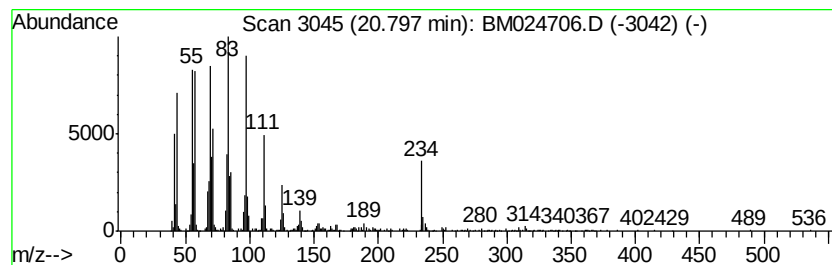
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.60 ng	1499050	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024706.D
Acq On : 03 Feb 2020 19:24
Operator : CG/JU
Sample : L1347-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-01

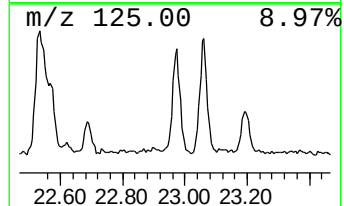
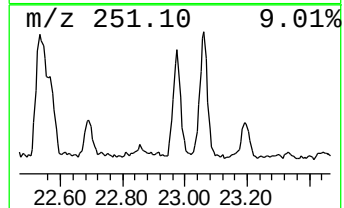
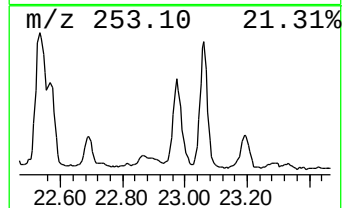
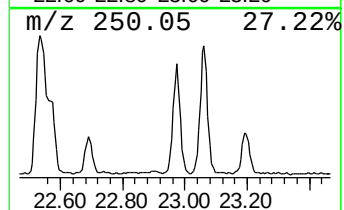
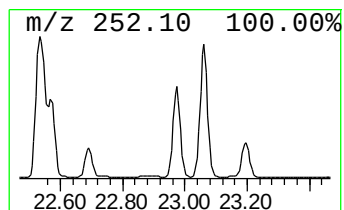
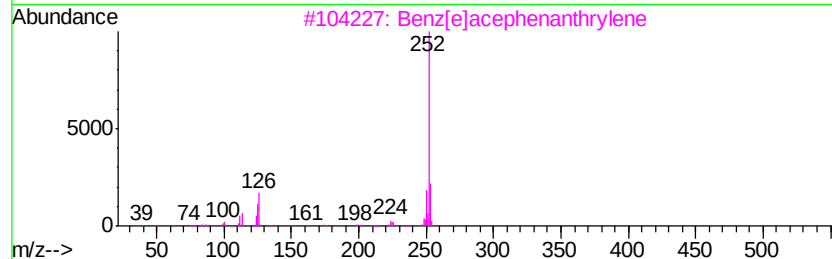
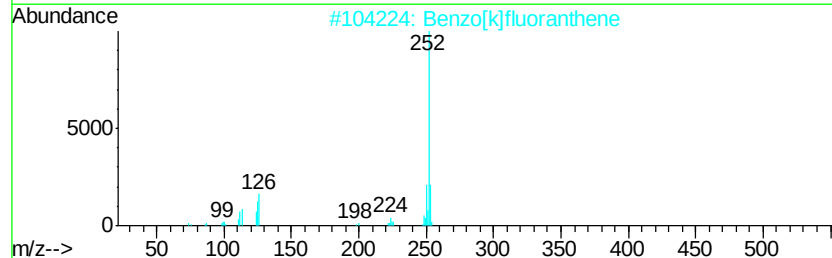
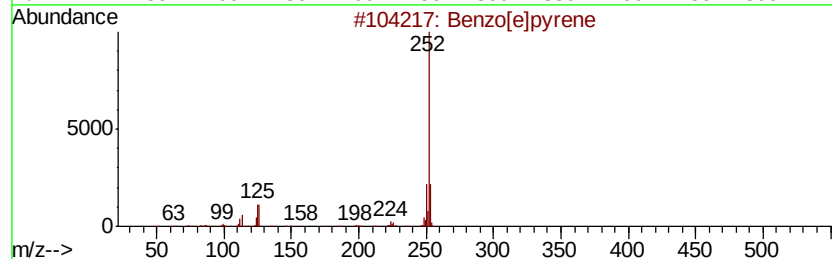
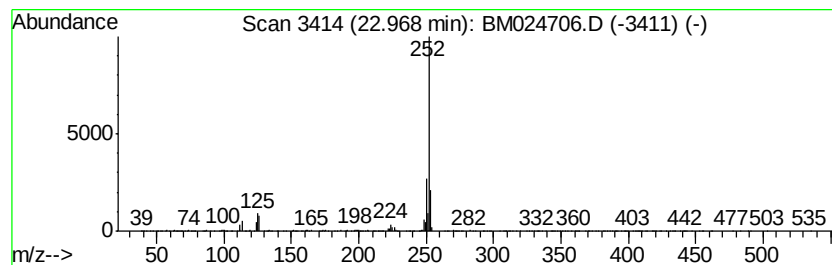
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	10.49 ng	1681210	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020320\
Data File : BM024706.D
Acq On : 03 Feb 2020 19:24
Operator : CG/JU
Sample : L1347-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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
n-Hexadecanoic acid	17.77	5.4	ng	887176	4	16.83	3283290	20.0
4H-Cyclopenta[def...	17.89	4.4	ng	728850	4	16.83	3283290	20.0
9,10-Dimethylanthe...	18.64	2.2	ng	357466	4	16.83	3283290	20.0
Cyclopenta(def)ph...	18.77	2.1	ng	348887	4	16.83	3283290	20.0
5-Eicosene, (E)-	20.80	4.6	ng	1499050	5	21.04	6523500	20.0
Benzo[e]pyrene	22.97	10.5	ng	1681210	6	23.15	3203860	20.0