

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042578.D
 Acq On : 03 Nov 2023 19:47
 Operator : MA/JU
 Sample : 05215-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 600566096

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_M\Methods\8270-BM103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042578.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.452	379	385	396	rBV	145022	229745	24.15%	2.719%
2	7.081	655	662	672	rBV	139093	240228	25.26%	2.843%
3	7.916	797	804	813	rBV	229779	362459	38.11%	4.290%
4	9.116	1002	1008	1020	rBV	85856	151101	15.89%	1.788%
5	10.734	1276	1283	1290	rBV	280842	469051	49.31%	5.551%
6	12.075	1505	1511	1519	rVB3	6065	10673	1.12%	0.126%
7	12.616	1597	1603	1609	rBV4	6618	10896	1.15%	0.129%
8	13.186	1693	1700	1706	rBV	221692	315742	33.19%	3.737%
9	13.316	1716	1722	1726	rVB2	10051	15203	1.60%	0.180%
10	13.410	1732	1738	1746	rBV	125716	200612	21.09%	2.374%
11	14.298	1883	1889	1893	rBV	15868	27407	2.88%	0.324%
12	14.392	1900	1905	1909	rBV3	9953	15198	1.60%	0.180%
13	14.486	1913	1921	1925	rVV8	4988	13770	1.45%	0.163%
14	14.569	1929	1935	1942	rVV	408406	608241	63.94%	7.198%
15	14.627	1942	1945	1954	rVB	22125	35360	3.72%	0.418%
16	14.963	2000	2002	2007	rVB	9557	11648	1.22%	0.138%
17	15.174	2032	2038	2042	rBV8	5025	10925	1.15%	0.129%
18	15.339	2062	2066	2070	rVB	15115	18316	1.93%	0.217%
19	15.616	2109	2113	2122	rVB2	29221	44602	4.69%	0.528%
20	15.733	2129	2133	2138	rBV6	10395	19330	2.03%	0.229%
21	15.898	2157	2161	2167	rVB5	9375	15773	1.66%	0.187%
22	16.063	2181	2189	2198	rBV	187609	294869	31.00%	3.490%
23	16.204	2209	2213	2218	rBV2	21512	36033	3.79%	0.426%
24	16.669	2288	2292	2297	rBV6	13138	25280	2.66%	0.299%
25	16.998	2345	2348	2351	rVB	13574	14103	1.48%	0.167%
26	17.033	2351	2354	2358	rVB3	11743	15411	1.62%	0.182%
27	17.139	2367	2372	2377	rVB2	14755	23757	2.50%	0.281%
28	17.321	2397	2403	2407	rBV	491776	734038	77.17%	8.687%
29	17.363	2407	2410	2416	rVB	236176	306284	32.20%	3.625%
30	17.451	2421	2425	2433	rVB	70109	107064	11.26%	1.267%
31	17.739	2471	2474	2479	rVB3	21023	24158	2.54%	0.286%
32	18.168	2542	2547	2555	rBV2	206584	353783	37.19%	4.187%
33	18.239	2556	2559	2565	rVB	40789	64792	6.81%	0.767%
34	18.321	2570	2573	2577	rVV	22501	33236	3.49%	0.393%
35	18.392	2579	2585	2588	rVV2	56817	98542	10.36%	1.166%
36	18.427	2588	2591	2598	rVB3	28092	44340	4.66%	0.525%

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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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.692	2633	2636	2642	rVB	23697	27892	2.93%	0.330%
38	19.074	2697	2701	2702	rBV3	22965	27919	2.94%	0.330%
39	19.333	2742	2745	2748	rBV3	32070	41787	4.39%	0.495%
40	19.374	2748	2752	2758	rVB	370638	458045	48.15%	5.421%
41	19.445	2760	2764	2773	rBV	114501	186154	19.57%	2.203%
42	19.704	2804	2808	2810	rBV2	55729	79870	8.40%	0.945%
43	19.739	2810	2814	2821	rVB	279384	396507	41.69%	4.693%
44	19.933	2842	2847	2854	rBV	351113	462677	48.64%	5.476%
45	20.233	2895	2898	2903	rVB	59266	68116	7.16%	0.806%
46	20.333	2912	2915	2918	rBV	45831	51662	5.43%	0.611%
47	21.503	3108	3114	3118	rBV2	654041	951195	100.00%	11.257%
48	23.921	3520	3525	3531	rBV	386699	695961	73.17%	8.236%

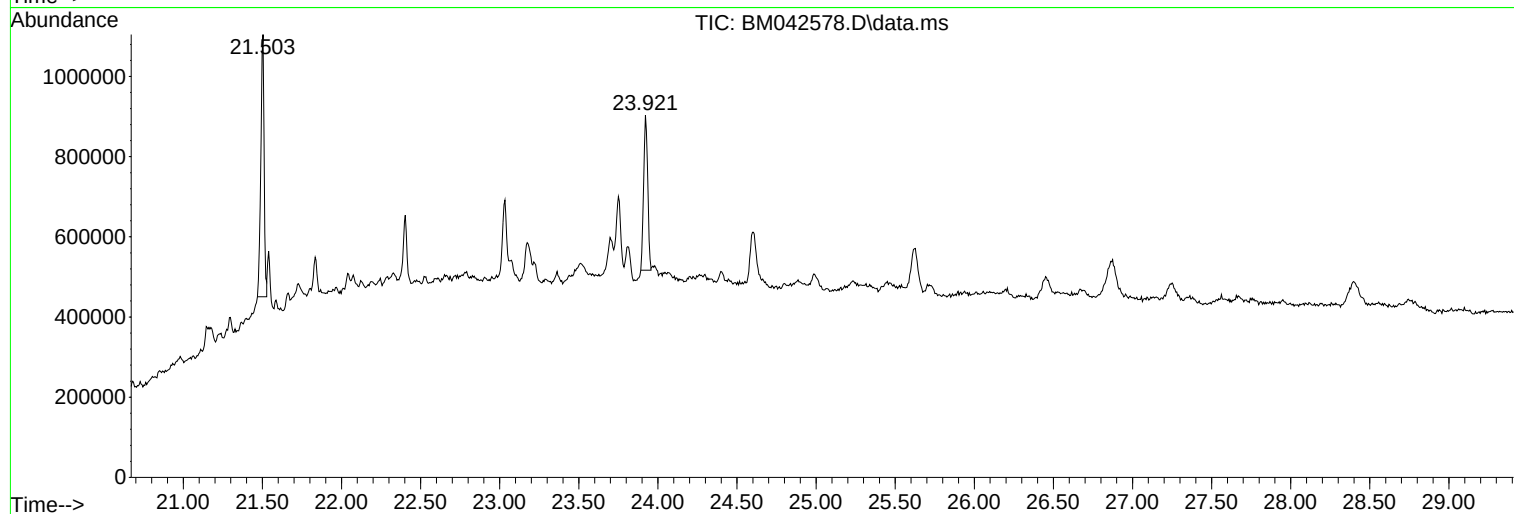
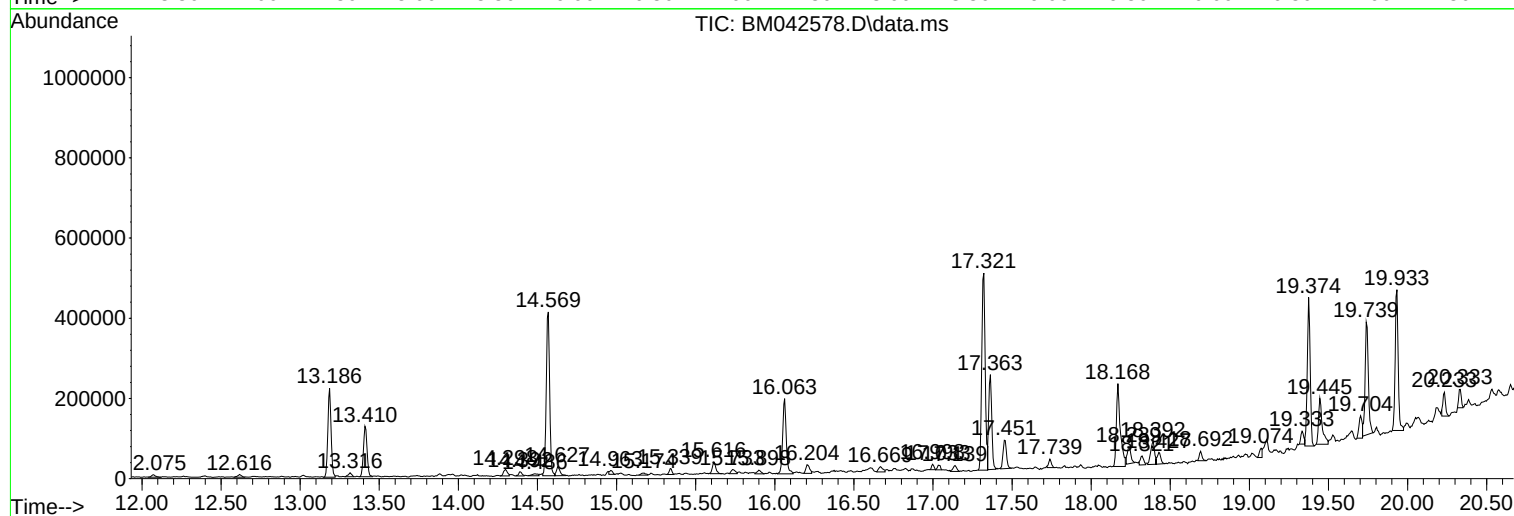
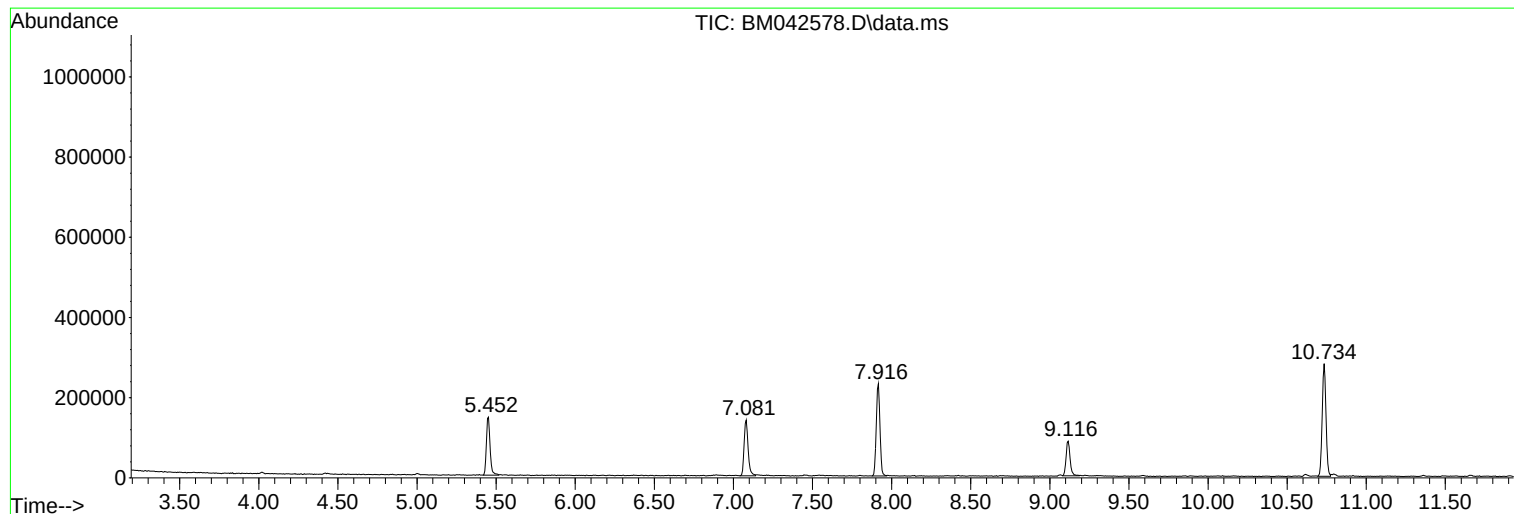
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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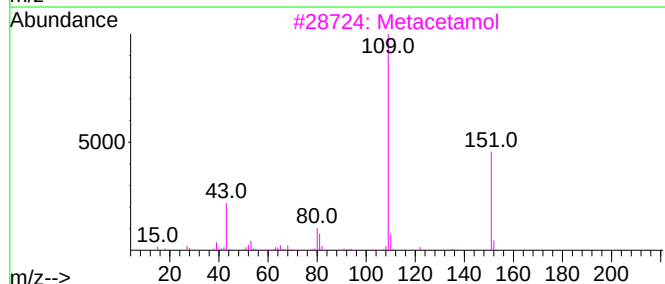
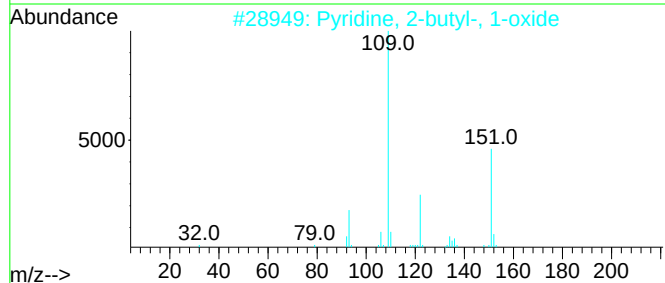
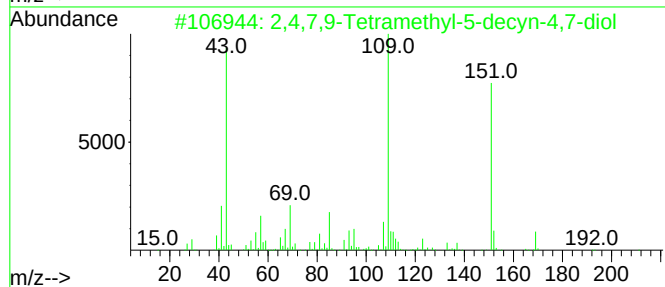
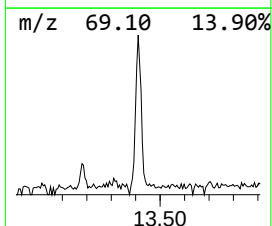
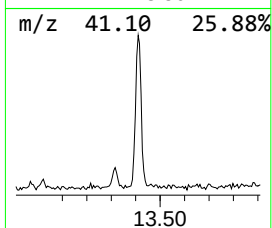
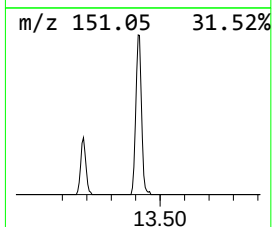
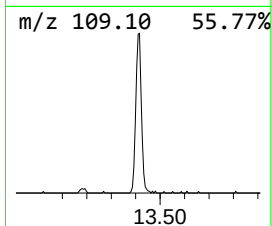
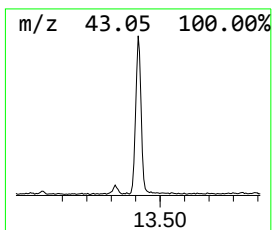
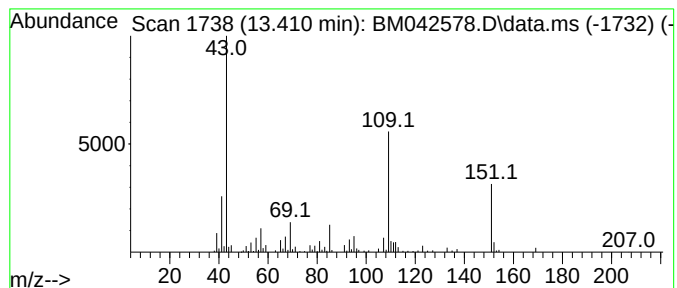
Instrument :
BNA_M
ClientSampleId :
600566096

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.410	6.60 ng	200612	Acenaphthene-d10		14.569	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...		226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide		151	C9H13NO	031396-32-4	53
3	Metacetamol		151	C8H9NO2	000621-42-1	49
4	Acetaminophen		151	C8H9NO2	000103-90-2	49
5	3-Pyridinol, 4-methyl-, acetate ...		151	C8H9NO2	001006-96-8	47



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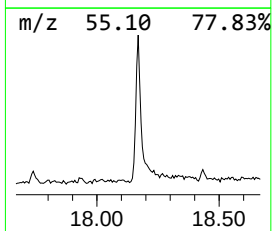
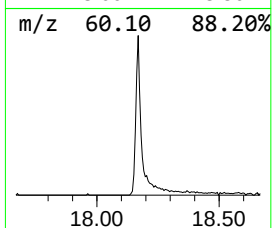
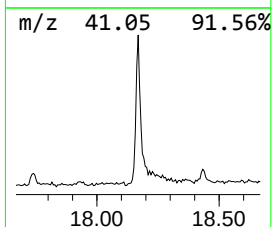
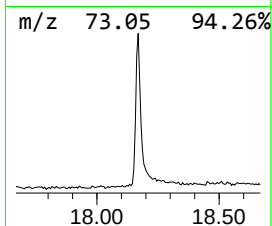
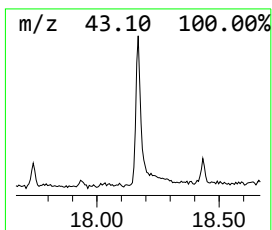
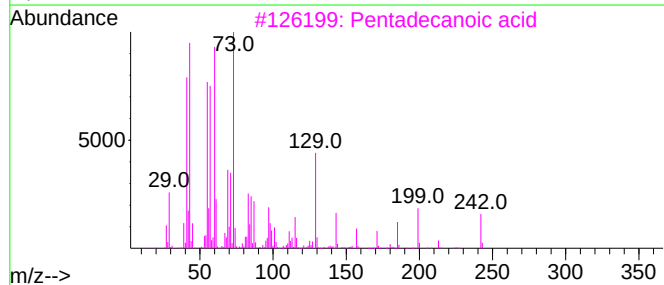
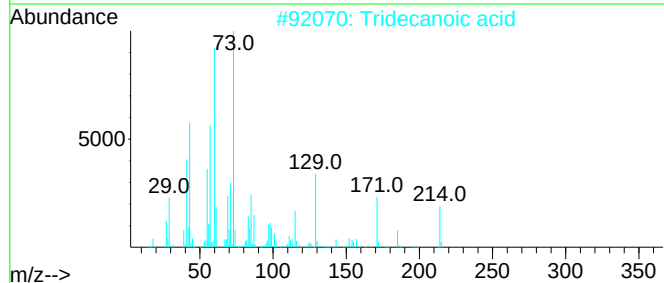
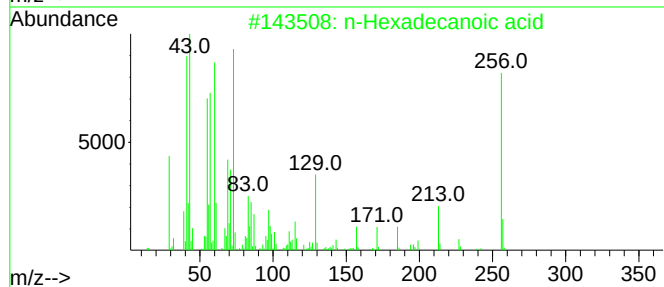
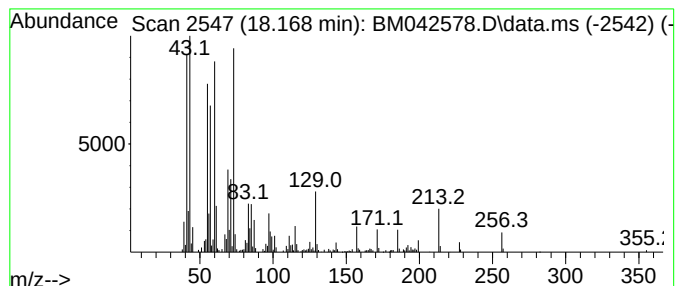
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	9.64 ng	353783	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Octadecanoic acid	284	C18H36O2	000057-11-4	60
5			Undecanoic acid	186	C11H22O2	000112-37-8	59



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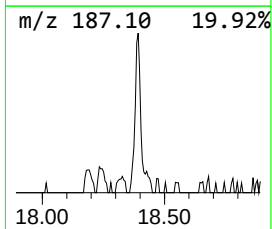
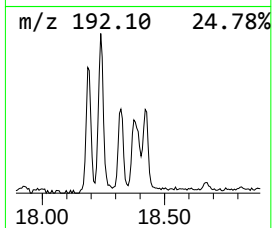
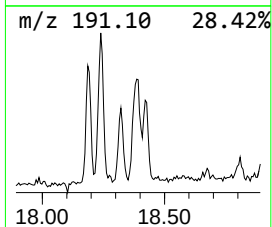
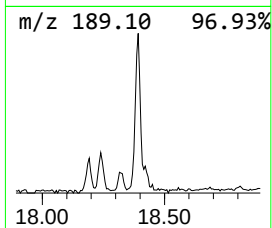
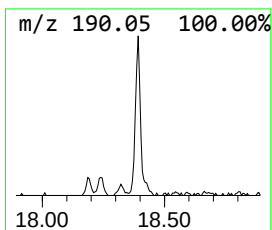
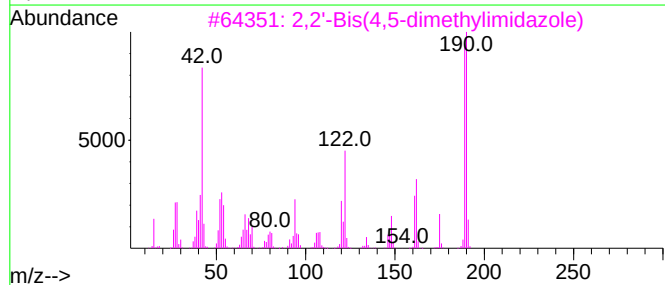
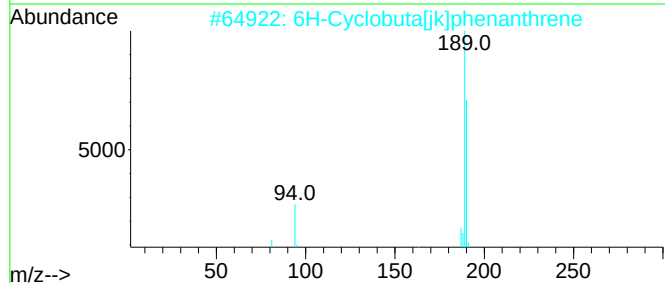
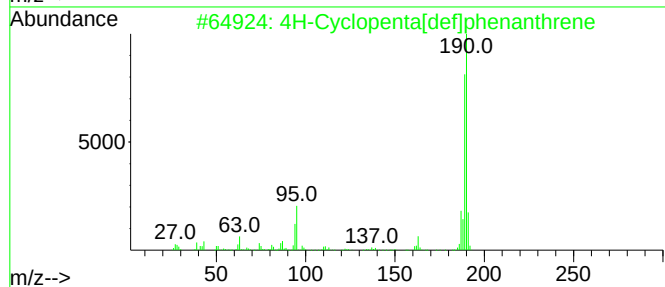
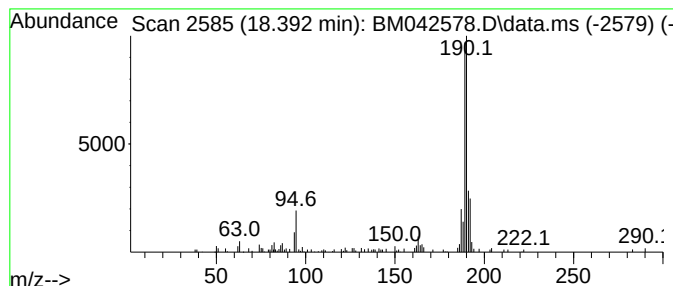
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	2.68 ng	98542	Phenanthrene-d10	17.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4			Methyl diselenide	190	C2H6Se2	007101-31-7	43
5			Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	27



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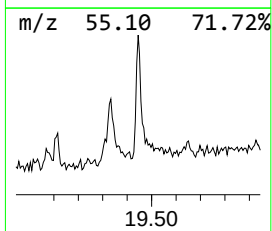
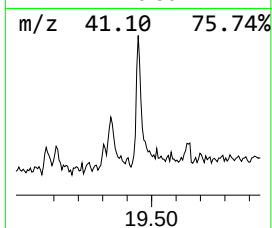
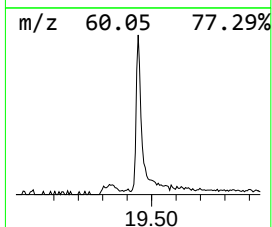
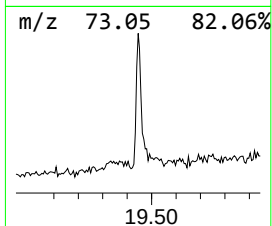
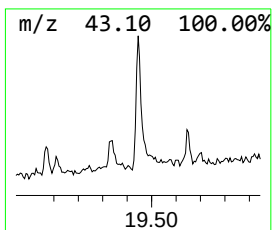
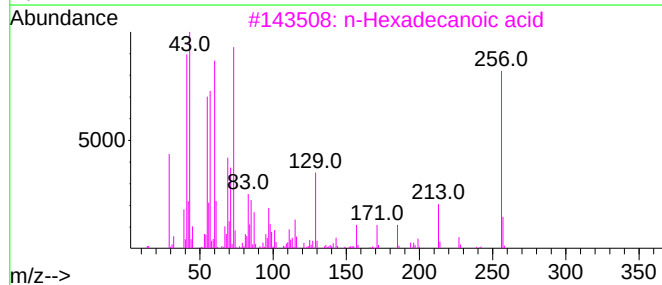
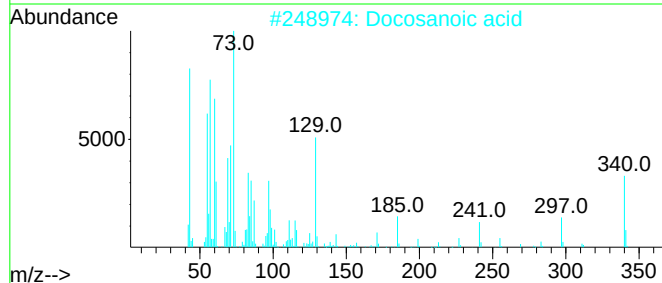
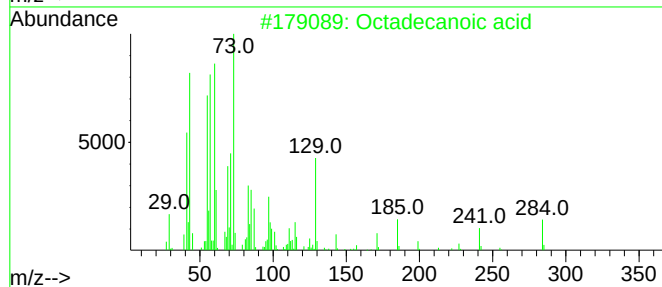
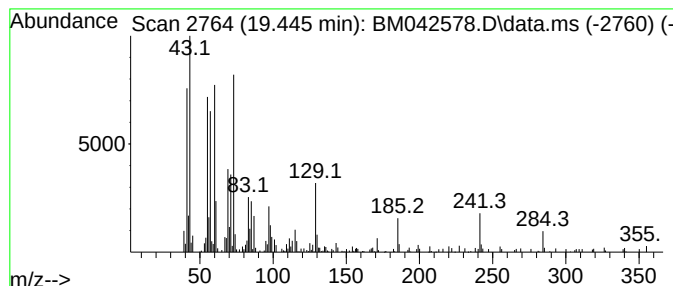
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	3.91 ng	186154	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Docosanoic acid	340	C22H44O2	000112-85-6	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.410	6.6	ng	200612	3	14.569	608241	20.0
n-Hexadecanoic ...	18.168	9.6	ng	353783	4	17.321	734038	20.0
4H-Cyclopenta[d...	18.392	2.7	ng	98542	4	17.321	734038	20.0
Octadecanoic acid	19.445	3.9	ng	186154	5	21.503	951195	20.0