

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035229.D
 Acq On : 24 May 2022 21:09
 Operator : CG/JU
 Sample : N2981-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-12(2.5-3)

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-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035229.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	400	406	425	rBV	1987741	2962419	51.31%	7.434%
2	7.069	670	677	692	rBV	1889775	3018487	52.28%	7.574%
3	7.898	810	818	827	rBV	470897	730948	12.66%	1.834%
4	9.057	1007	1015	1031	rBV	1217212	2027241	35.11%	5.087%
5	10.698	1287	1294	1300	rBV	577122	971693	16.83%	2.438%
6	13.163	1706	1713	1738	rBV	2957025	4436522	76.84%	11.133%
7	14.533	1938	1946	1955	rBV	773212	1220952	21.15%	3.064%
8	16.021	2192	2199	2219	rBV	2047723	3204675	55.50%	8.042%
9	17.280	2406	2413	2417	rBV	976658	1405209	24.34%	3.526%
10	17.321	2417	2420	2427	rVV	184130	270525	4.69%	0.679%
11	17.409	2429	2435	2441	rVB	94599	155492	2.69%	0.390%
12	18.180	2558	2566	2569	rBV2	205193	366285	6.34%	0.919%
13	18.286	2580	2584	2589	rBV	56399	80141	1.39%	0.201%
14	18.350	2590	2595	2599	rVV3	90868	175490	3.04%	0.440%
15	18.386	2599	2601	2610	rVB	52784	82195	1.42%	0.206%
16	19.074	2713	2718	2722	rBV2	69870	119500	2.07%	0.300%
17	19.209	2738	2741	2750	rVB4	35486	69723	1.21%	0.175%
18	19.339	2756	2763	2769	rBV	699802	981330	17.00%	2.462%
19	19.456	2777	2783	2786	rBV2	127460	187140	3.24%	0.470%
20	19.486	2786	2788	2793	rVB	69133	81154	1.41%	0.204%
21	19.668	2814	2819	2820	rBV	133946	159333	2.76%	0.400%
22	19.697	2820	2824	2833	rVV	595682	865609	14.99%	2.172%
23	19.774	2833	2837	2844	rVB2	63584	117305	2.03%	0.294%
24	19.903	2851	2859	2864	rBV	4867215	5773986	100.00%	14.489%
25	20.027	2874	2880	2889	rBV5	92504	247689	4.29%	0.622%
26	20.156	2898	2902	2905	rBV4	67932	119864	2.08%	0.301%
27	20.197	2905	2909	2913	rVB	189400	253708	4.39%	0.637%
28	20.297	2922	2926	2930	rBV	137546	168550	2.92%	0.423%
29	20.350	2930	2935	2940	rVV2	129329	226927	3.93%	0.569%
30	20.492	2956	2959	2962	rBV	59712	74287	1.29%	0.186%
31	20.539	2964	2967	2972	rVB3	63074	88000	1.52%	0.221%
32	20.944	3033	3036	3042	rBV2	84290	132423	2.29%	0.332%
33	21.144	3068	3070	3073	rVB	76271	77874	1.35%	0.195%
34	21.186	3073	3077	3083	rBV2	280549	377154	6.53%	0.946%
35	21.462	3117	3124	3128	rBV2	1612619	2864424	49.61%	7.188%
36	21.497	3128	3130	3139	rVB	592135	761709	13.19%	1.911%

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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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.627	3149	3152	3157	rBV4	81691	146659	2.54%	0.368%
38	23.127	3402	3407	3412	rBV	529424	1230366	21.31%	3.087%
39	23.638	3490	3494	3503	rVB	330283	642811	11.13%	1.613%
40	23.738	3506	3511	3520	rVB	569672	1114678	19.31%	2.797%
41	23.844	3523	3529	3536	rBV2	922008	1860700	32.23%	4.669%

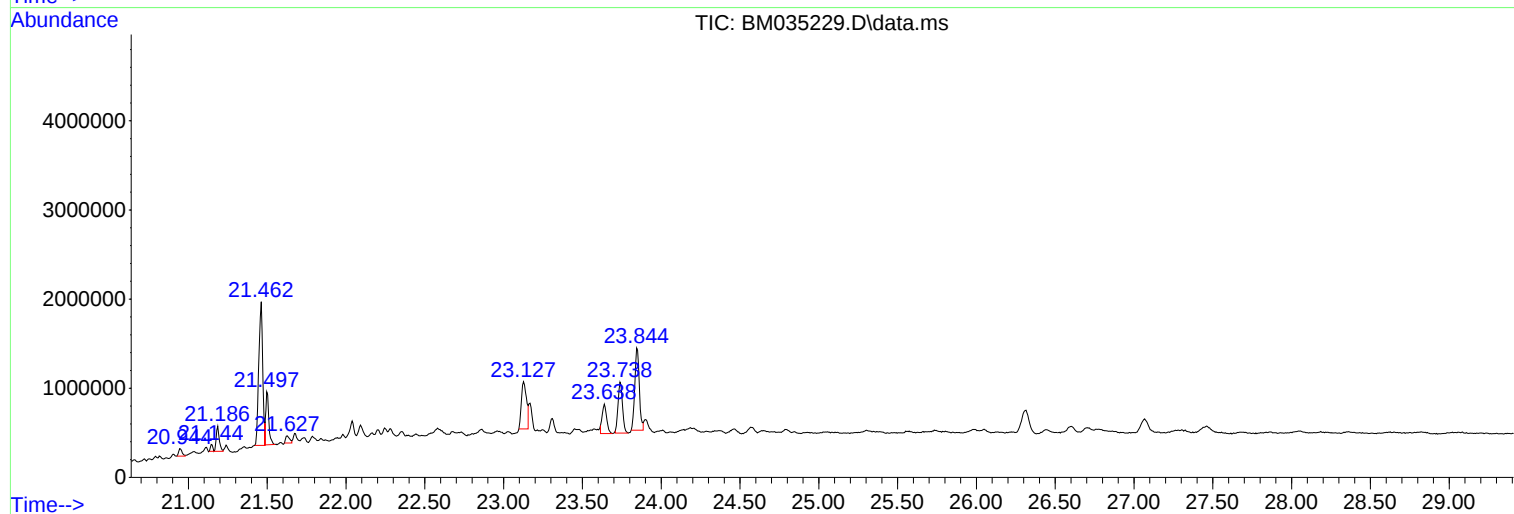
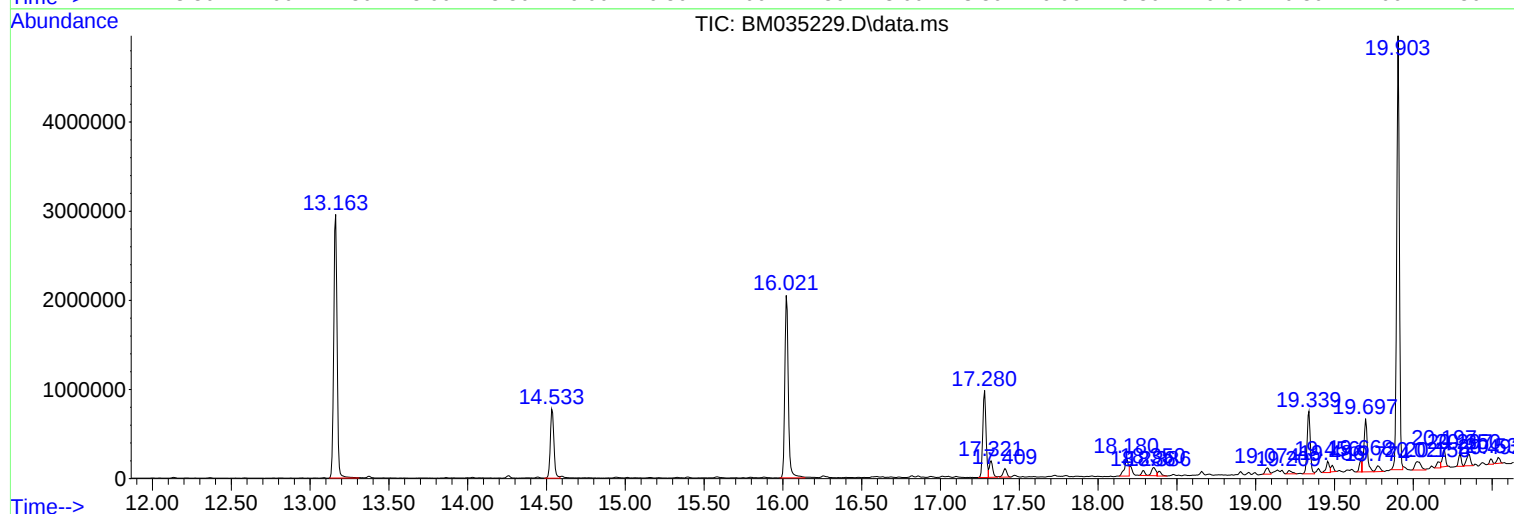
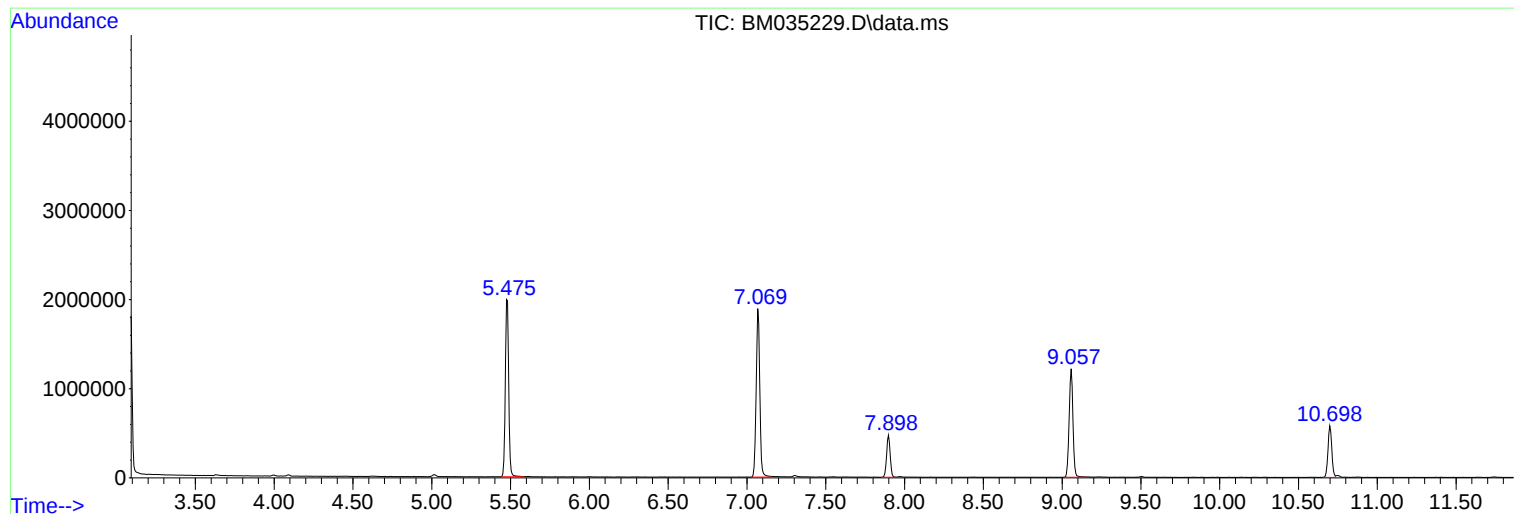
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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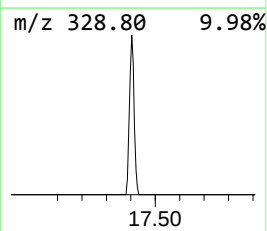
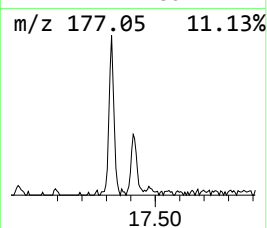
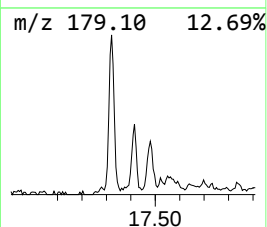
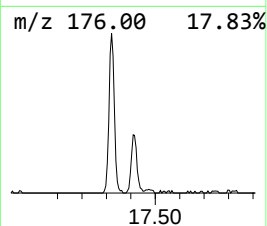
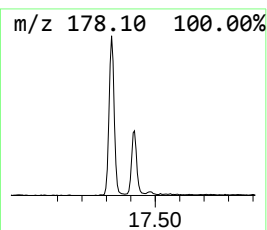
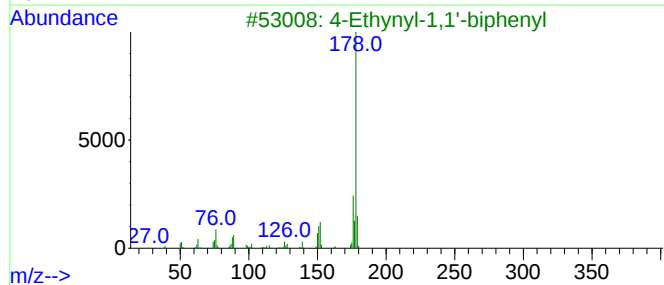
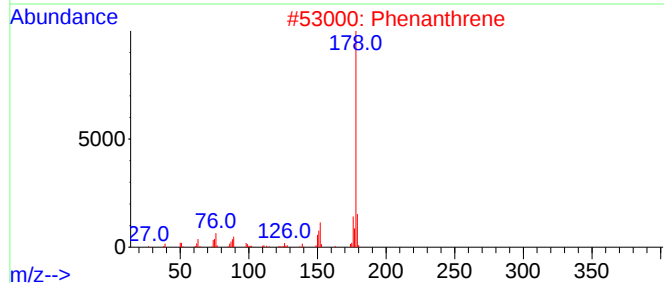
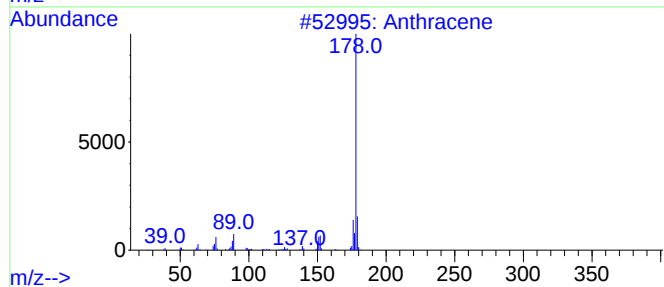
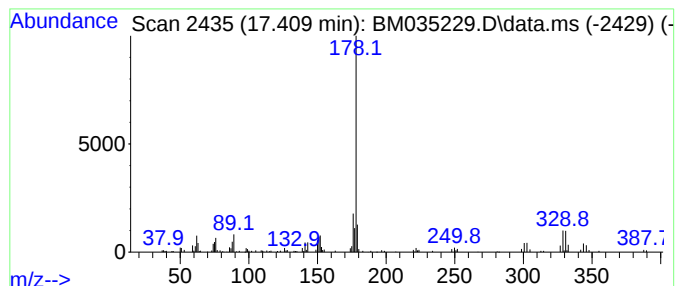
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 4-Ethynyl-1,1'-biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.409	2.21 ng	155492	Phenanthrene-d10	17.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene	178	C14H10	000120-12-7	96
2			Phenanthrene	178	C14H10	000085-01-8	93
3			4-Ethynyl-1,1'-biphenyl	178	C14H10	029079-00-3	83
4			9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	64
5			4,9[1',2']-Benzeno-1H-benz[f]iso...	333	C21H19NO3	327078-94-4	64



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Misc :
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Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

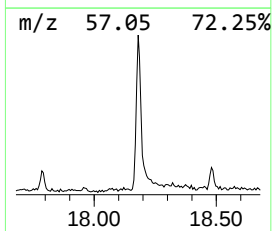
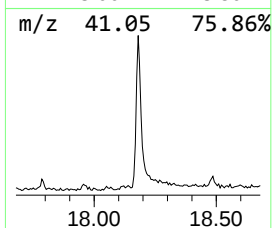
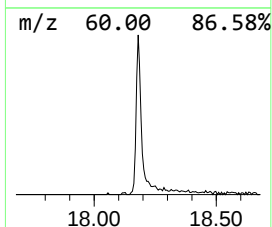
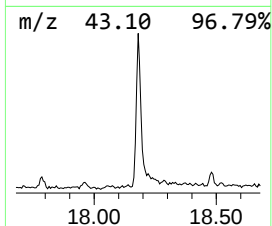
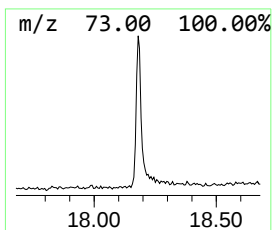
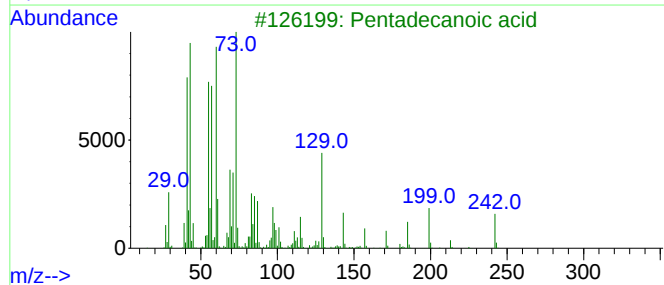
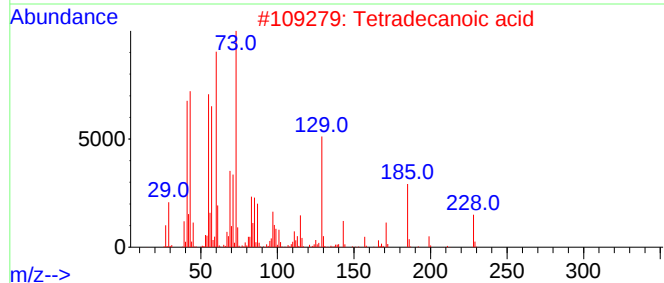
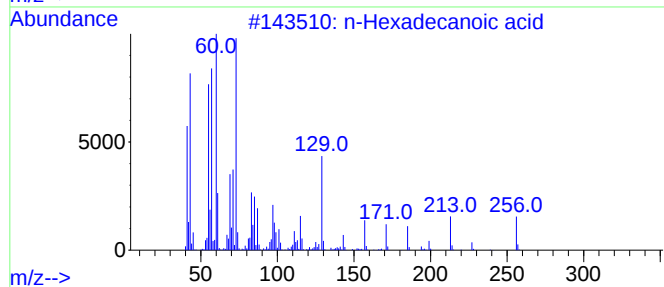
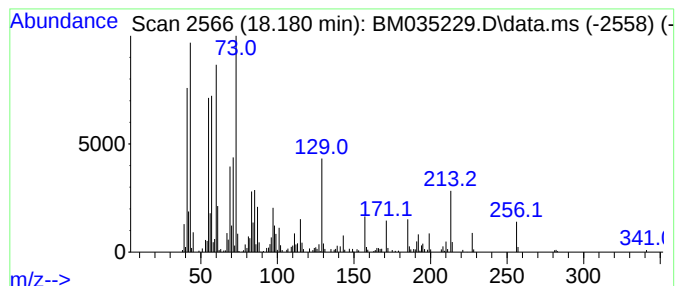
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	5.21 ng	366285	Phenanthrene-d10	17.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Octadecanoic acid	284	C18H36O2	000057-11-4	90



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Instrument :
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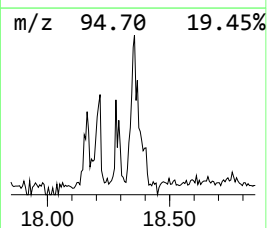
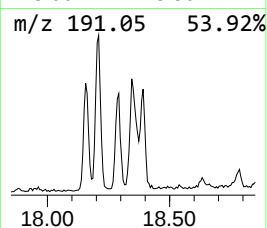
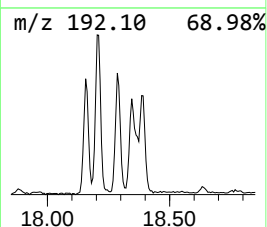
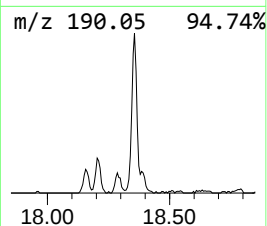
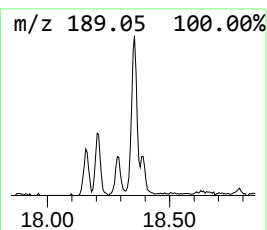
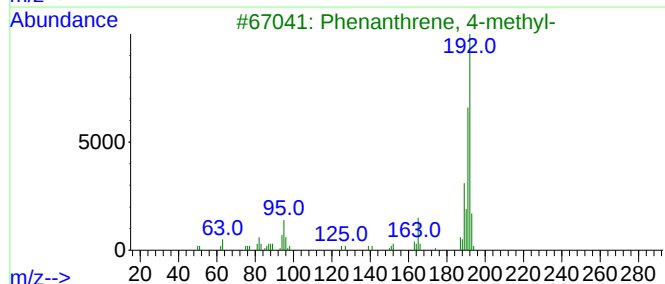
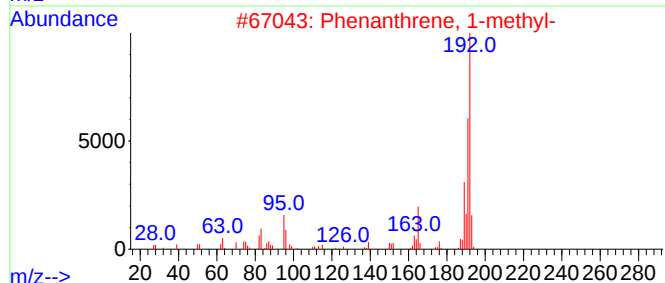
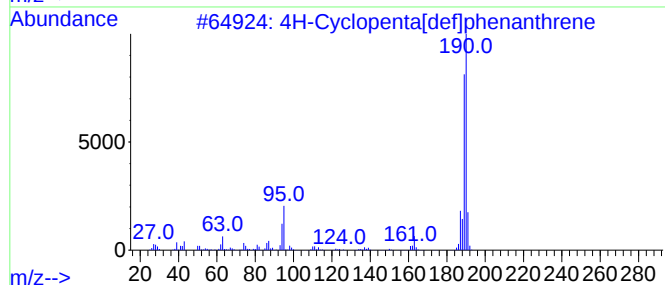
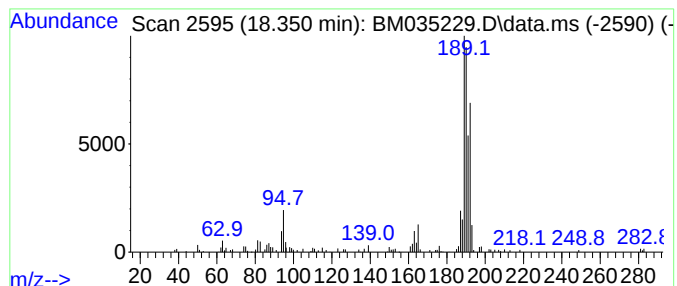
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	2.50 ng	175490	Phenanthrene-d10	17.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	30
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	25



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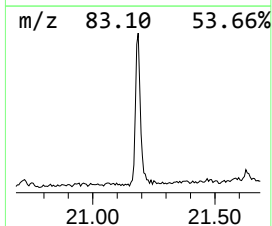
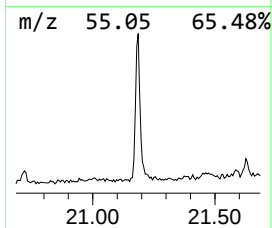
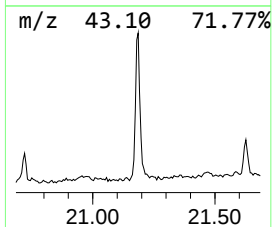
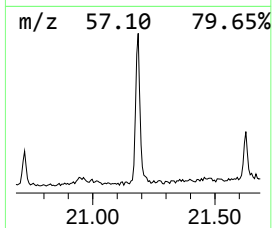
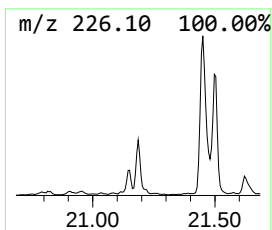
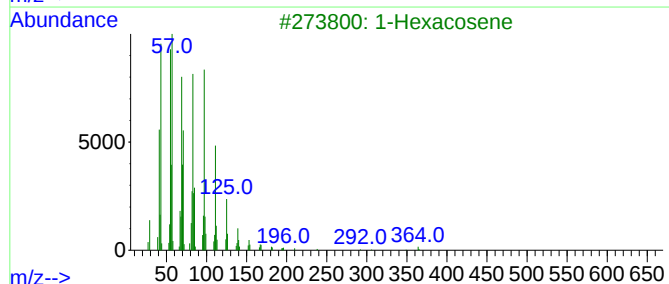
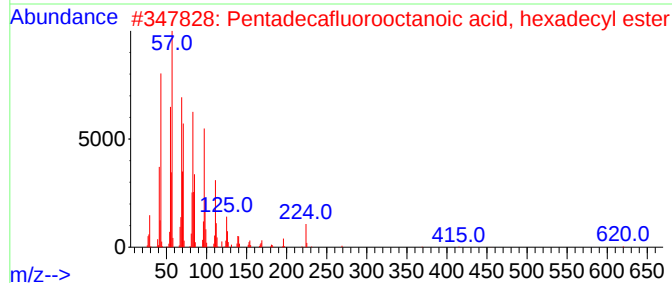
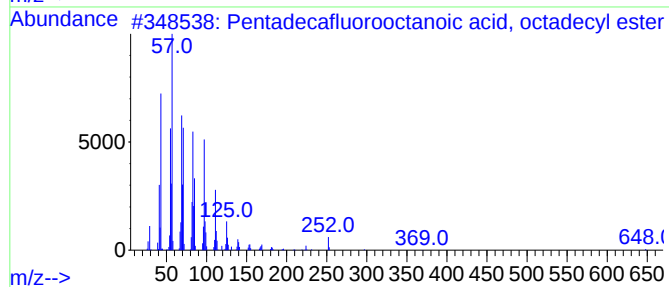
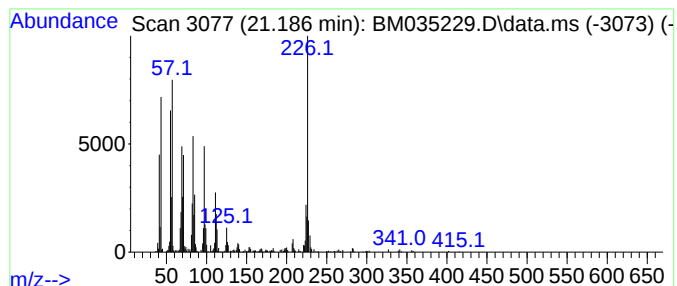
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.63 ng	377154	Chrysene-d12	21.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70
2			Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	70
3			1-Hexacosene	364	C26H52	018835-33-1	64
4			7-Hexadecene, (Z)-	224	C16H32	035507-09-6	60
5			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	55



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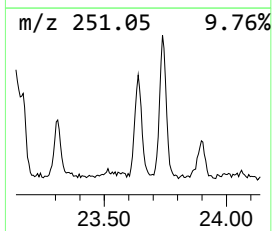
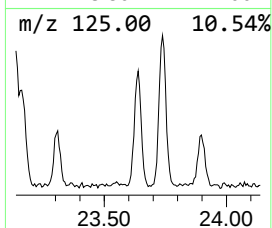
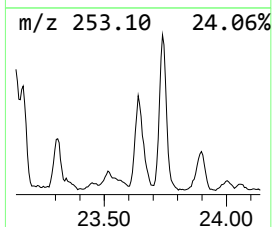
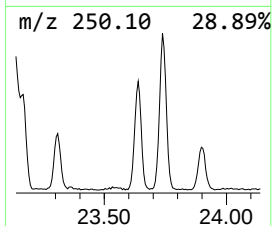
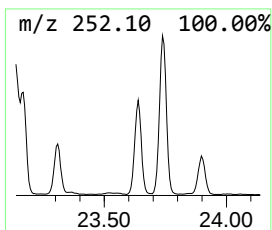
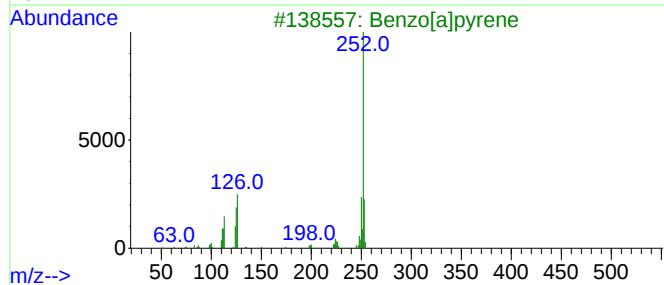
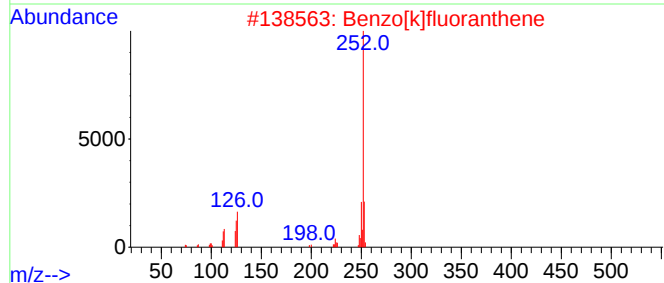
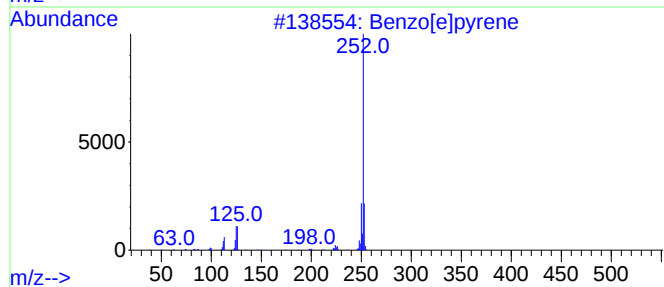
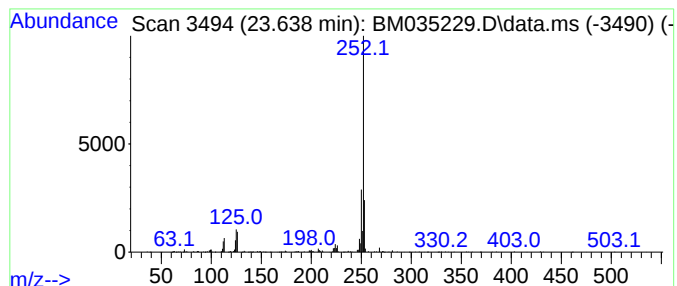
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.638	6.91 ng	642811	Perylene-d12	23.844

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	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035229.D
Acq On : 24 May 2022 21:09
Operator : CG/JU
Sample : N2981-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-Ethynyl-1,1'-...	17.409	2.2	ng	155492	4	17.280	1405210	20.0
n-Hexadecanoic ...	18.180	5.2	ng	366285	4	17.280	1405210	20.0
4H-Cyclopenta[d...]	18.351	2.5	ng	175490	4	17.280	1405210	20.0
Pentadecafluoro...	21.186	2.6	ng	377154	5	21.462	2864420	20.0
Benzo[e]pyrene	23.638	6.9	ng	642811	6	23.844	1860700	20.0