

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041238.D
 Acq On : 02 Aug 2023 10:58
 Operator : MA/JU
 Sample : 03849-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GROVE-SOIL-0731

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-BM072823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	386	rBV	2715176	3866541	43.09%	6.846%
2	6.981	636	645	657	rBV	2646444	4266795	47.55%	7.554%
3	7.793	777	783	793	rBV	613858	961352	10.71%	1.702%
4	8.975	976	984	997	rBV	1736725	2819316	31.42%	4.991%
5	10.604	1247	1261	1267	rBV	900604	1455911	16.22%	2.578%
6	13.080	1675	1682	1694	rBV	4915380	6860647	76.45%	12.147%
7	13.927	1821	1826	1831	rVB2	63586	90923	1.01%	0.161%
8	14.186	1864	1870	1881	rVB	120582	194198	2.16%	0.344%
9	14.463	1910	1917	1924	rBV	1449437	2010161	22.40%	3.559%
10	14.892	1980	1990	1996	rBV2	92525	213404	2.38%	0.378%
11	15.968	2166	2173	2189	rVB	4218444	5903644	65.79%	10.452%
12	16.192	2204	2211	2217	rBV4	69232	157794	1.76%	0.279%
13	17.221	2381	2386	2390	rBV	1718618	2400044	26.75%	4.249%
14	17.268	2390	2394	2404	rVB	583890	807028	8.99%	1.429%
15	17.357	2404	2409	2414	rBV	517389	719921	8.02%	1.275%
16	18.127	2532	2540	2550	rBV2	2084936	3448989	38.43%	6.106%
17	18.233	2555	2558	2564	rVB	122581	161886	1.80%	0.287%
18	18.298	2564	2569	2573	rBV2	181181	339623	3.78%	0.601%
19	18.662	2627	2631	2637	rVB2	121008	182968	2.04%	0.324%
20	19.027	2689	2693	2698	rBV2	158145	294948	3.29%	0.522%
21	19.292	2733	2738	2744	rVB	1966130	2478805	27.62%	4.389%
22	19.409	2754	2758	2768	rBV2	832588	1191792	13.28%	2.110%
23	19.627	2791	2795	2796	rBV	282558	348325	3.88%	0.617%
24	19.656	2796	2800	2809	rVB	1616297	2242588	24.99%	3.970%
25	19.862	2830	2835	2840	rVB	7560565	8973790	100.00%	15.888%
26	21.427	3095	3101	3105	rBV2	1818495	3209762	35.77%	5.683%
27	21.468	3105	3108	3115	rVB	700037	881239	9.82%	1.560%

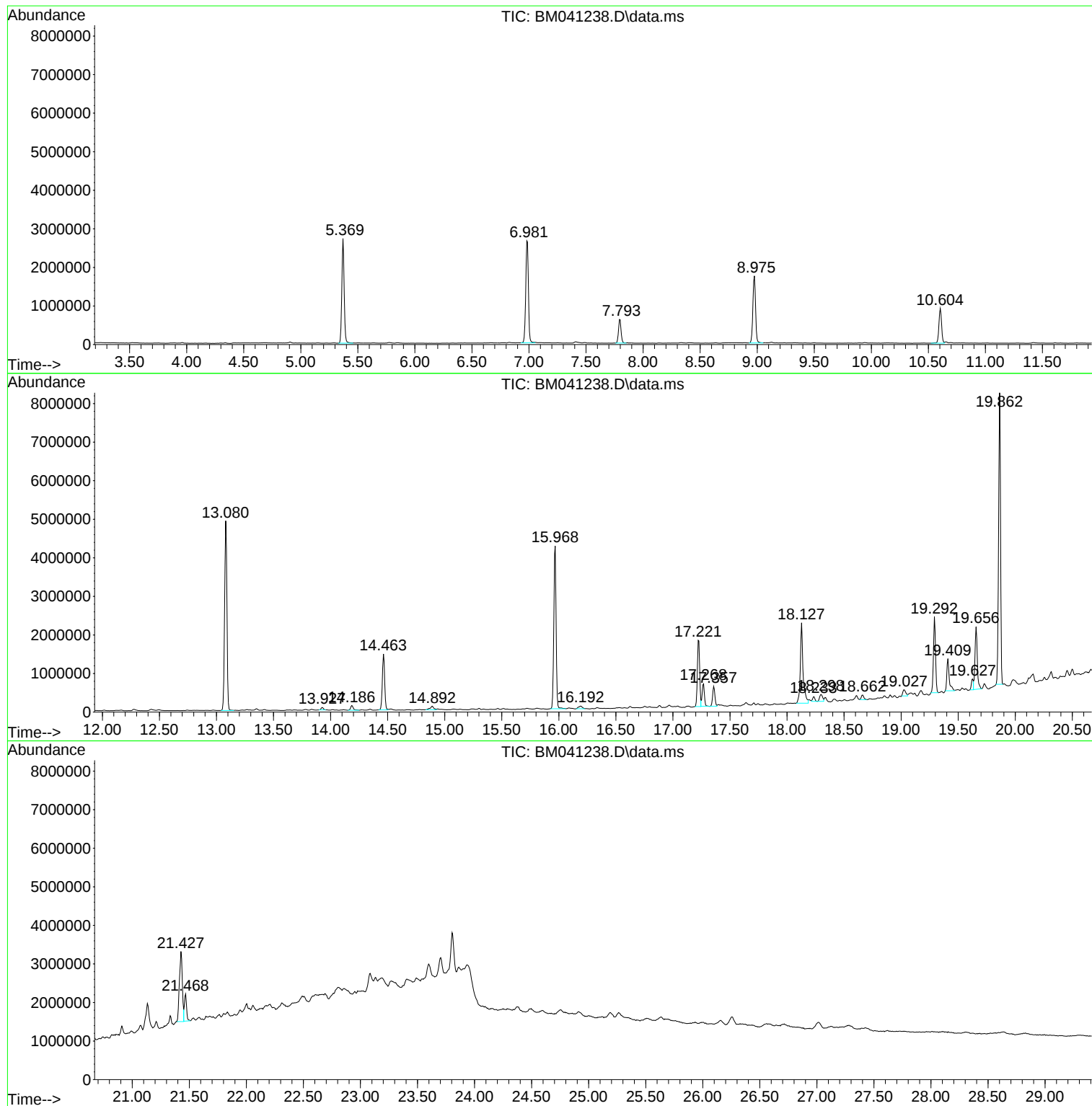
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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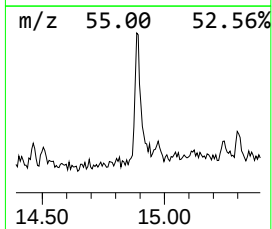
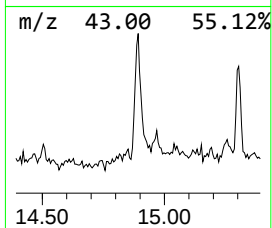
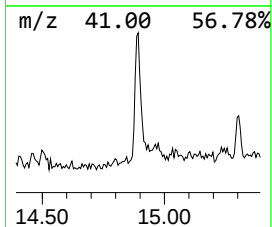
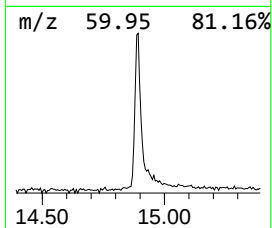
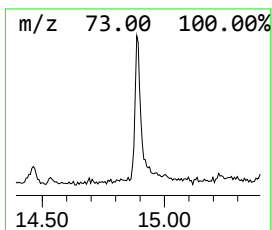
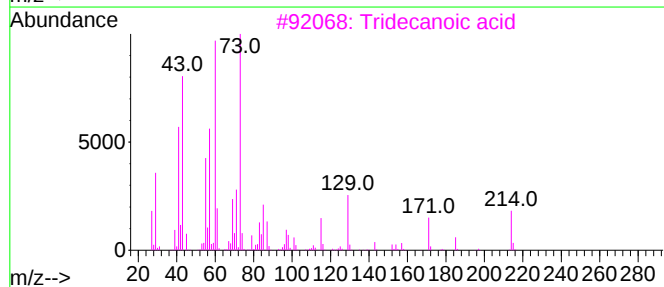
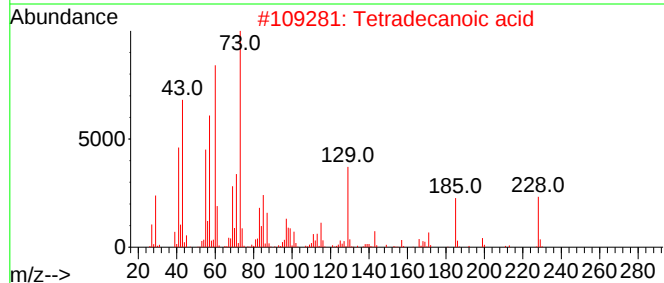
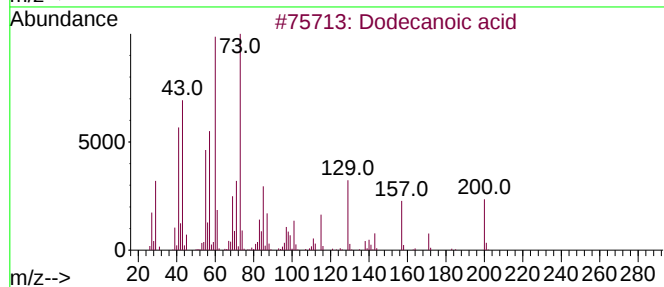
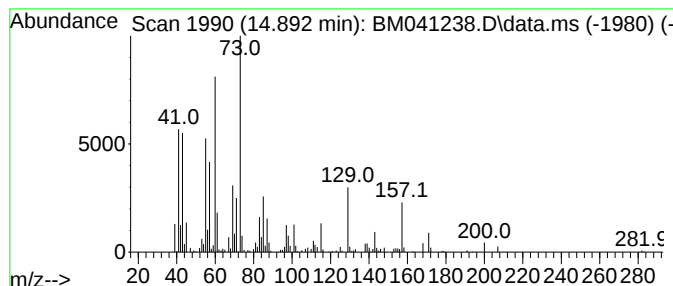
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	2.12 ng	213404	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	94
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Tridecanoic acid	214	C13H26O2	000638-53-9	53
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47



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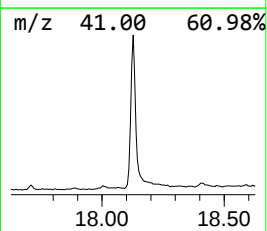
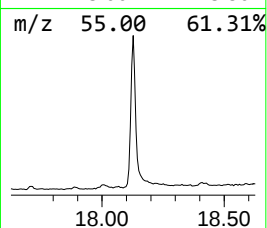
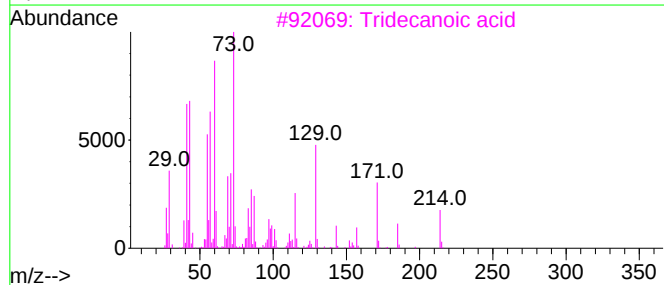
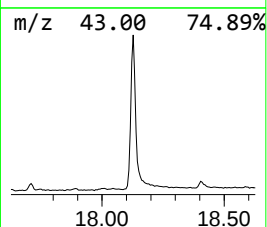
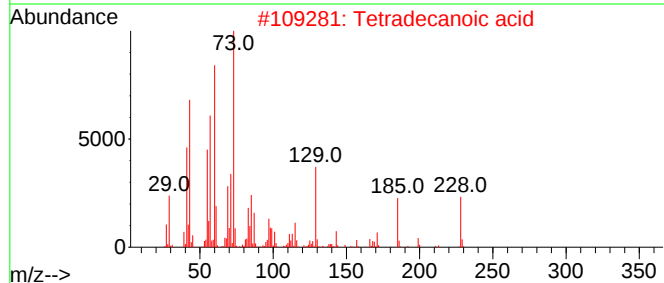
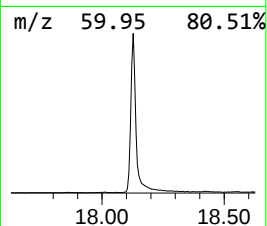
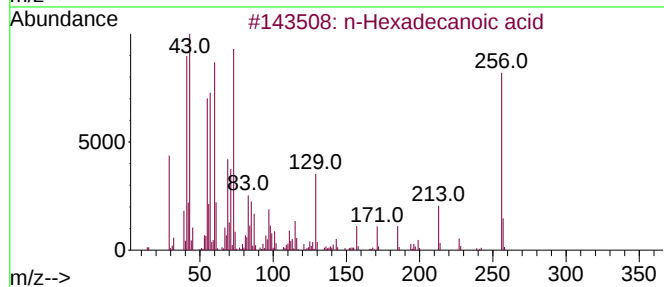
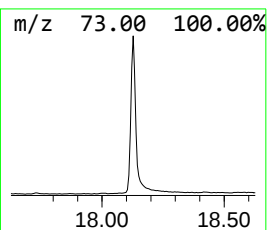
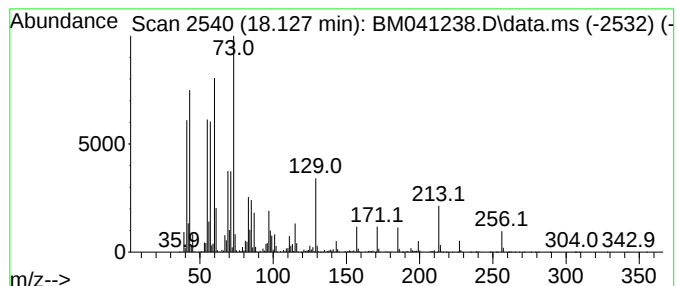
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	28.74 ng	3448990	Phenanthrene-d10	17.221

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	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	92
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	47



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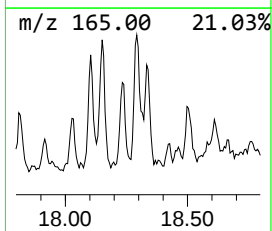
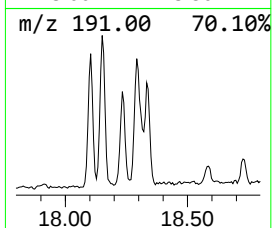
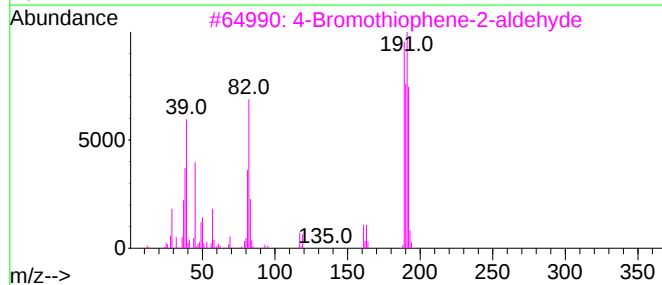
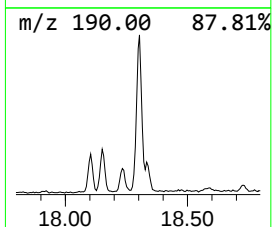
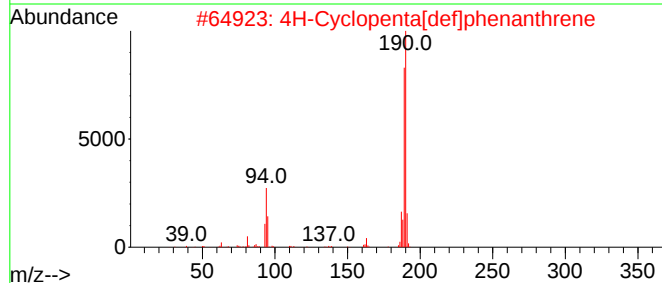
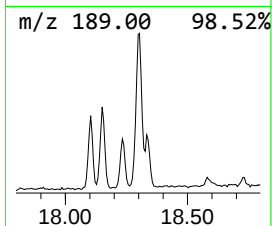
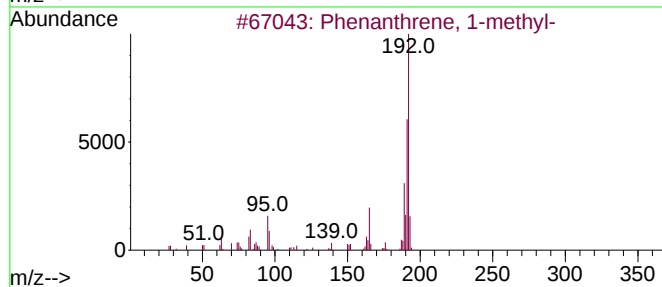
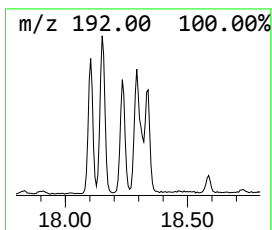
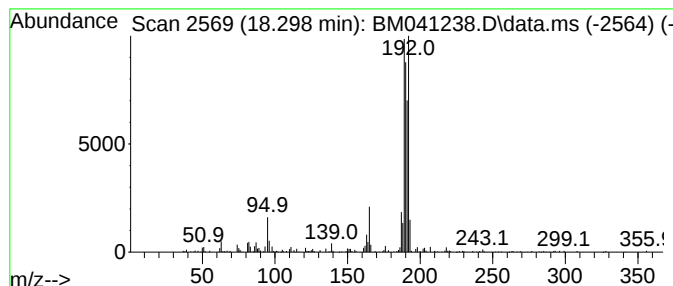
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.83 ng	339623	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
4			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
5			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58



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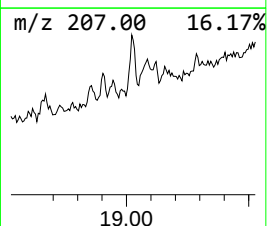
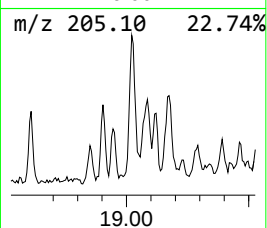
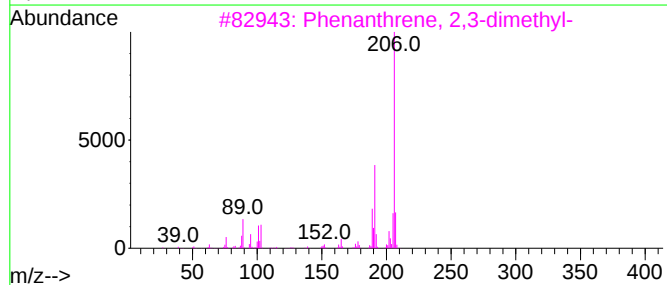
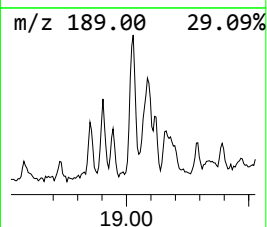
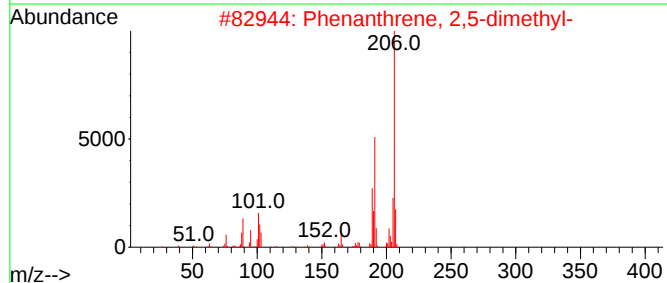
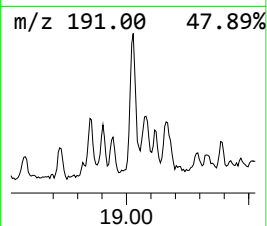
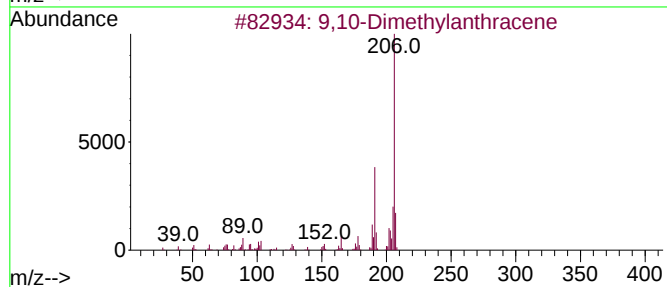
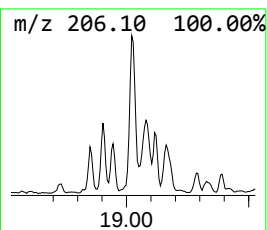
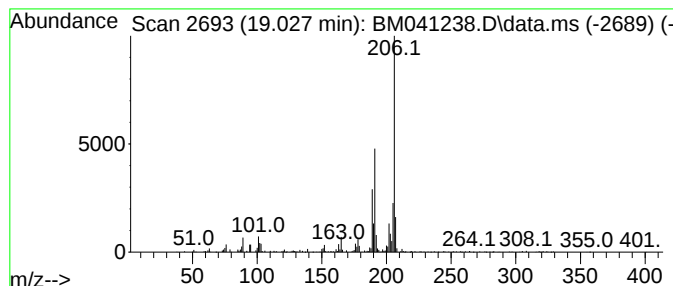
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 9,10-Dimethylantracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	2.46 ng	294948	Phenanthrene-d10	17.221

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	98
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



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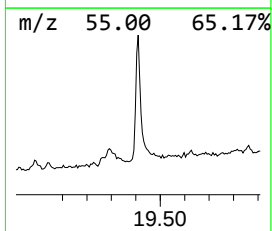
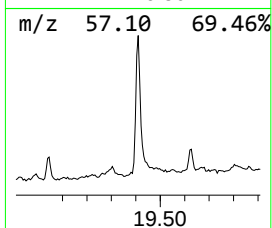
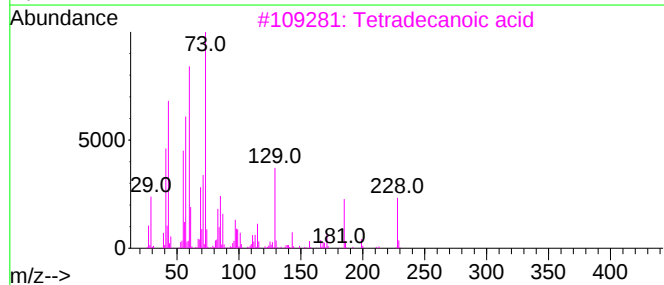
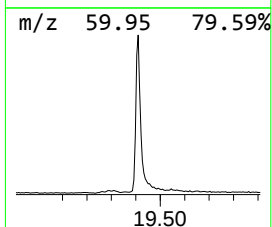
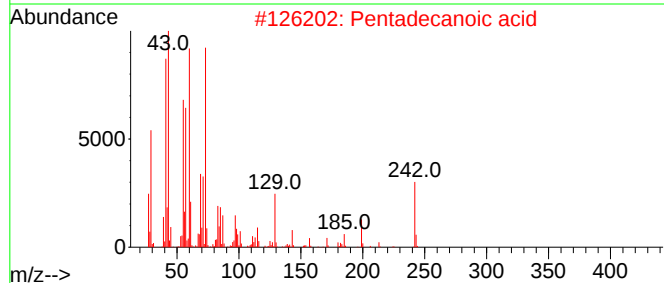
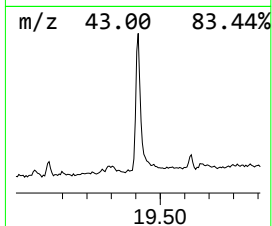
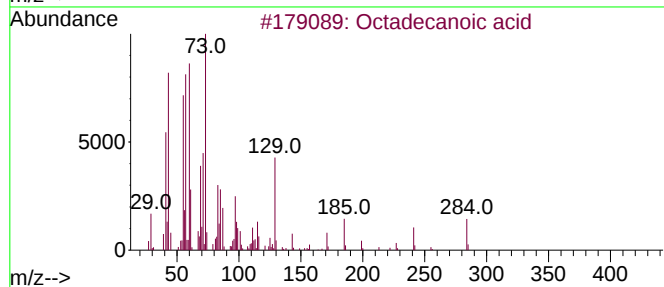
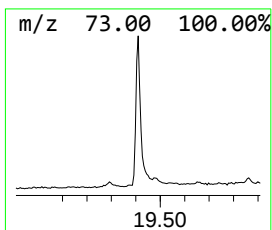
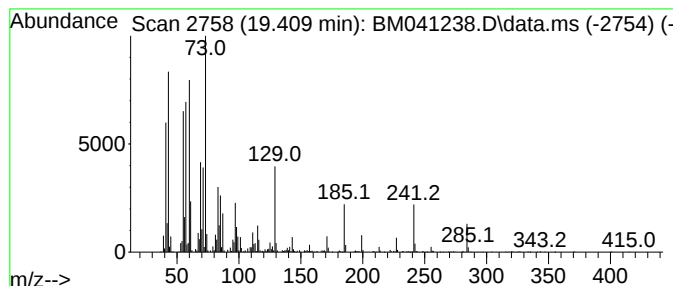
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.409	7.43 ng	1191790	Chrysene-d12	21.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	58
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	25



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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.892	2.1	ng	213404	3	14.463	2010160	20.0
n-Hexadecanoic ...	18.127	28.7	ng	3448990	4	17.221	2400040	20.0
Phenanthrene, 1...	18.298	2.8	ng	339623	4	17.221	2400040	20.0
9,10-Dimethylan...	19.027	2.5	ng	294948	4	17.221	2400040	20.0
Octadecanoic acid	19.409	7.4	ng	1191790	5	21.427	3209760	20.0