

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056357.D
 Acq On : 19 Jan 2023 21:51
 Operator : CG/JU
 Sample : 01179-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208

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_G\Methods\8270-BG122722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.341	343	349	359	rBB	112655	167711	6.40%	1.254%
2	5.829	425	432	440	rBV	445301	728917	27.82%	5.448%
3	7.444	699	707	717	rVB	453458	774938	29.58%	5.792%
4	8.302	846	853	862	rBB	118205	200330	7.65%	1.497%
5	9.477	1045	1053	1061	rBV	257797	454579	17.35%	3.398%
6	11.134	1327	1335	1342	rBV	153630	272902	10.42%	2.040%
7	13.543	1738	1745	1752	rBV	977951	1494413	57.03%	11.170%
8	14.918	1972	1979	1985	rBV	303040	464476	17.73%	3.472%
9	16.252	2199	2206	2212	rVB2	17617	28385	1.08%	0.212%
10	16.399	2224	2231	2242	rBV	838824	1260515	48.11%	9.422%
11	17.656	2439	2445	2449	rBV	443406	679285	25.93%	5.077%
12	17.697	2449	2452	2458	rVB	157970	223446	8.53%	1.670%
13	18.502	2583	2589	2597	rBV3	85009	156652	5.98%	1.171%
14	18.573	2597	2601	2605	rVB2	26404	39499	1.51%	0.295%
15	18.725	2618	2627	2631	rBV4	32987	70367	2.69%	0.526%
16	19.013	2671	2676	2679	rBV	18714	28245	1.08%	0.211%
17	19.060	2679	2684	2689	rVB2	21018	34644	1.32%	0.259%
18	19.571	2766	2771	2775	rBV3	17265	29138	1.11%	0.218%
19	19.689	2785	2791	2796	rVB	303454	420288	16.04%	3.141%
20	19.753	2796	2802	2812	rBV	19298	56141	2.14%	0.420%
21	20.012	2843	2846	2848	rBV2	43964	54087	2.06%	0.404%
22	20.047	2848	2852	2859	rVB	264430	403813	15.41%	3.018%
23	20.229	2877	2883	2889	rVB	2036896	2620186	100.00%	19.585%
24	20.365	2900	2906	2908	rBV6	27953	55137	2.10%	0.412%
25	20.529	2932	2934	2939	rVB	46829	64088	2.45%	0.479%
26	20.629	2948	2951	2955	rVB2	31710	34924	1.33%	0.261%
27	21.528	3100	3104	3112	rVB5	110505	201930	7.71%	1.509%
28	21.604	3114	3117	3122	rVB3	24426	32659	1.25%	0.244%
29	21.945	3168	3175	3181	rBV2	431455	926741	35.37%	6.927%
30	21.998	3181	3184	3190	rVB	117538	184204	7.03%	1.377%
31	24.289	3567	3574	3582	rBV	78370	259338	9.90%	1.938%
32	25.071	3702	3707	3718	rVB	50719	140904	5.38%	1.053%
33	25.224	3728	3733	3742	rVB	58517	142671	5.45%	1.066%
34	25.394	3753	3762	3771	rVB2	246134	673305	25.70%	5.033%

Sum of corrected areas: 13378858

Instrument :

BNA_G

ClientSampleId :

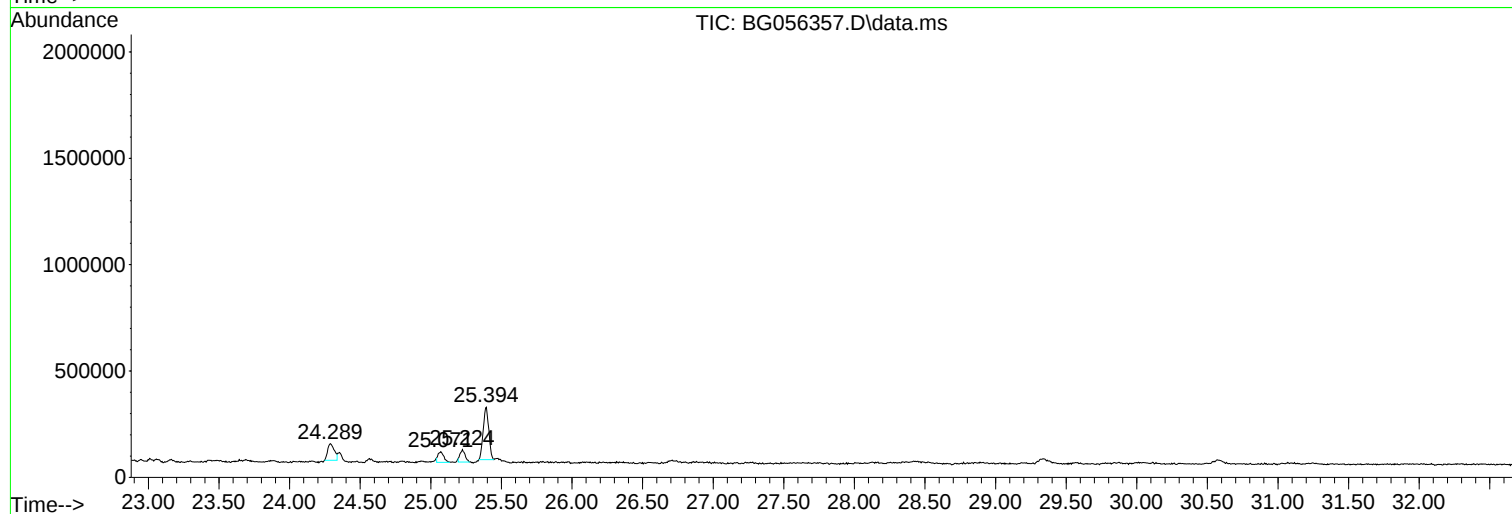
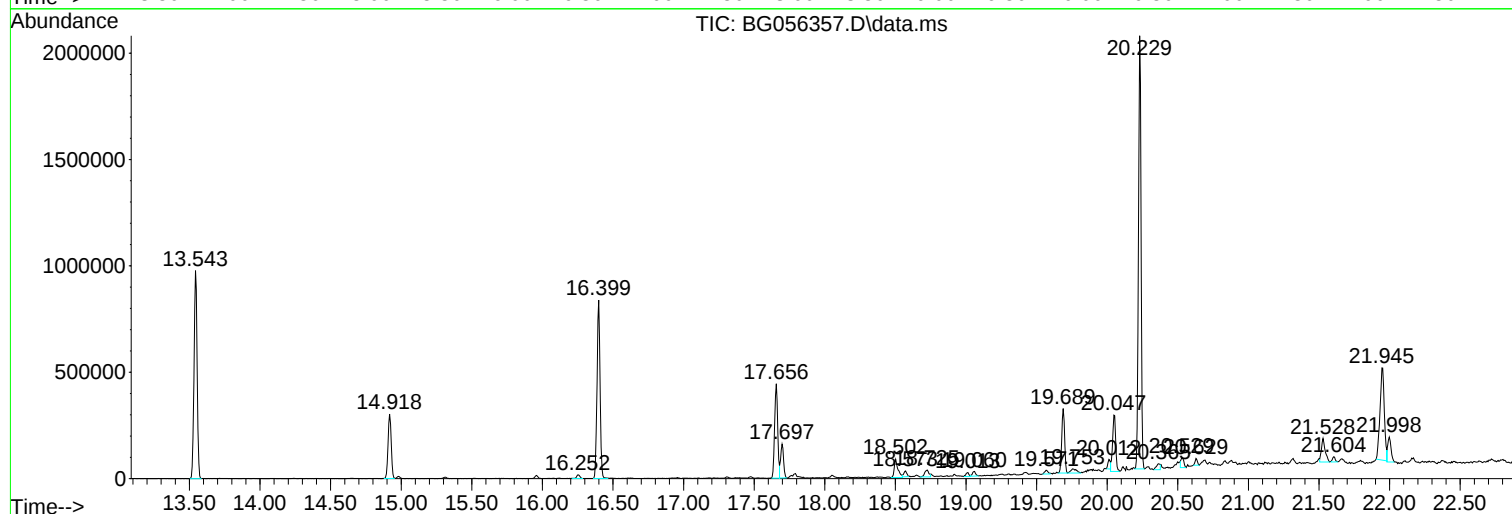
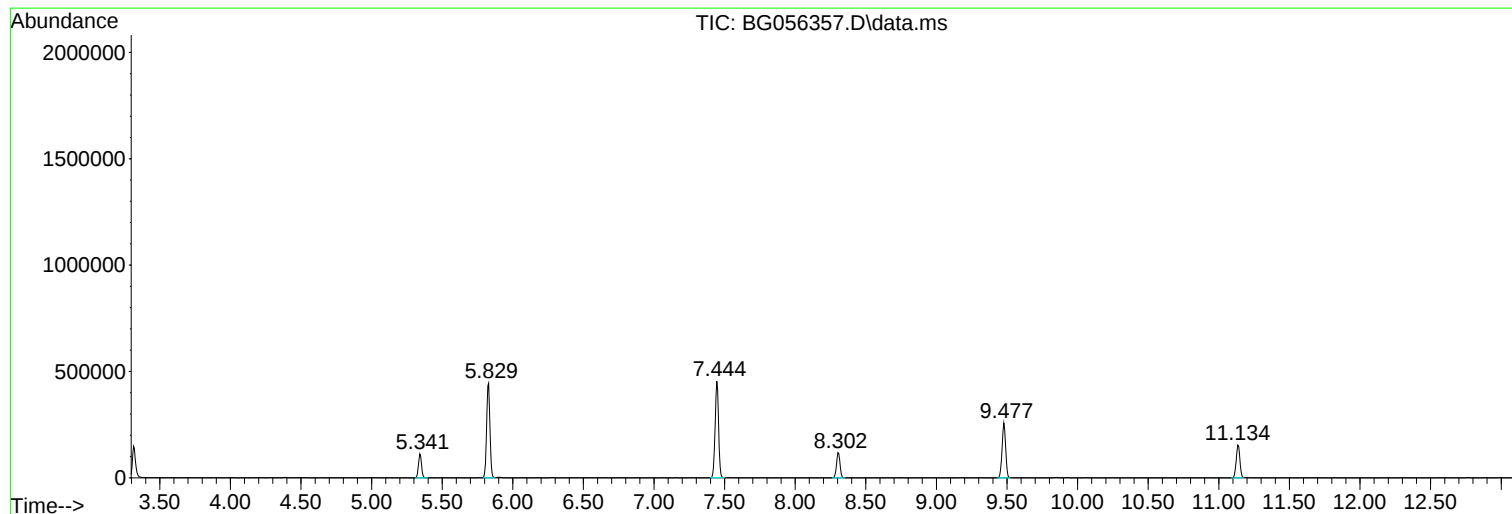
VNJ-208

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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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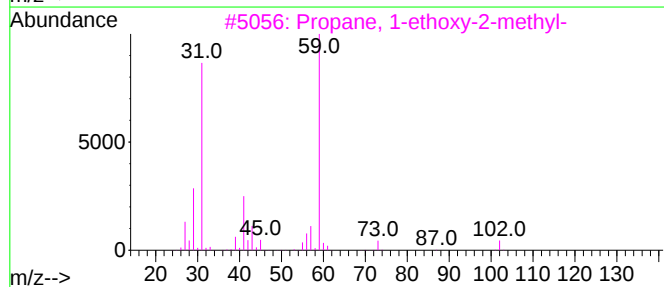
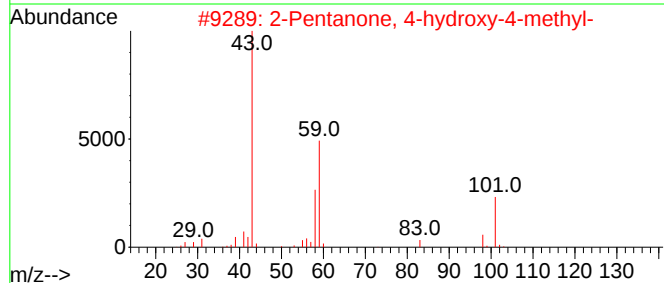
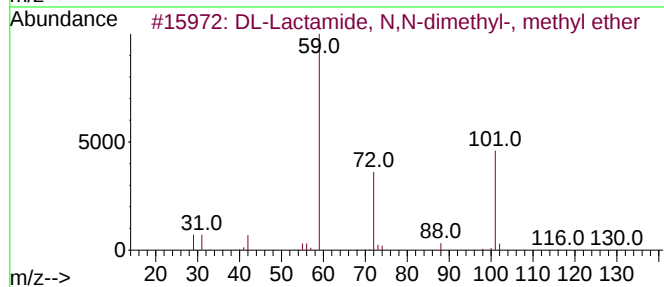
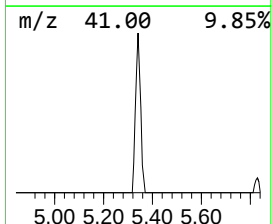
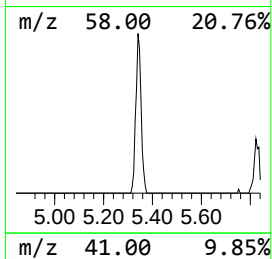
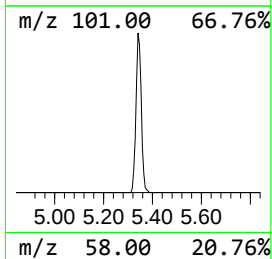
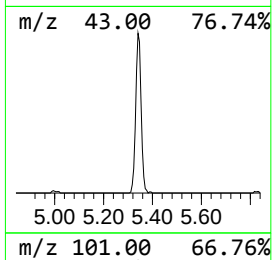
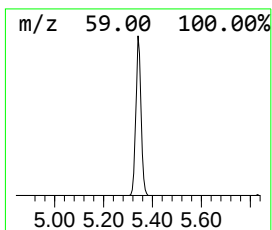
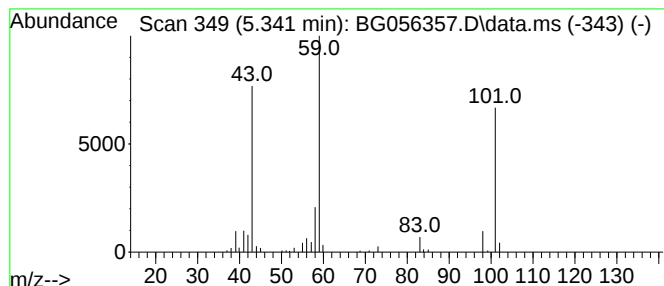
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.341 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.341	16.74 ng	167711	1,4-Dichlorobenzene-d4	8.308

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	40
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4			3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	27



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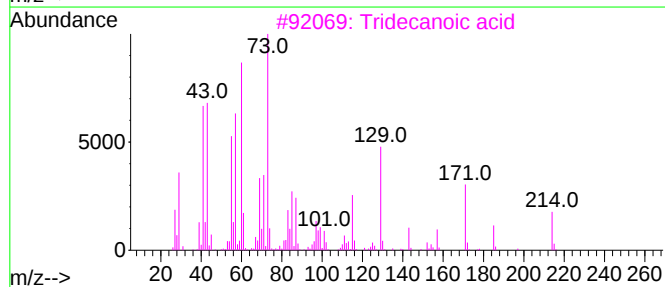
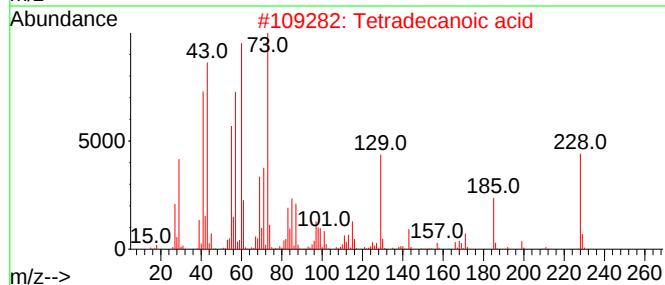
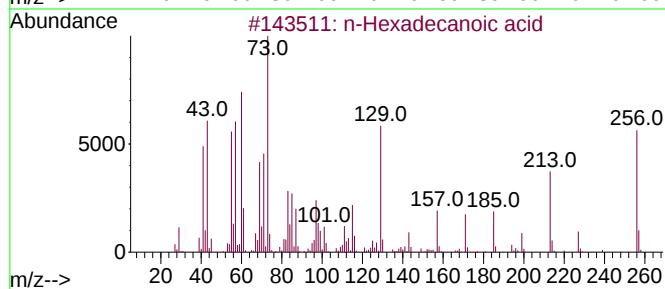
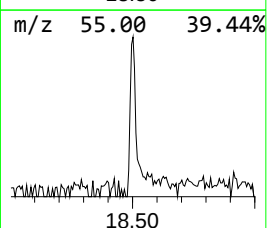
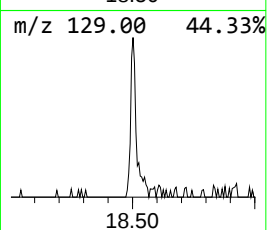
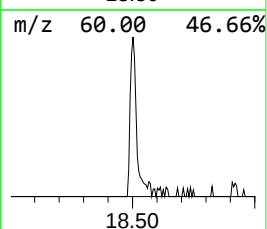
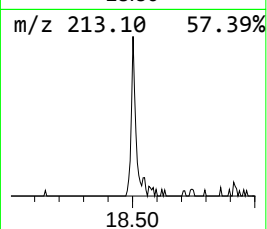
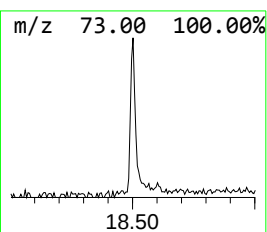
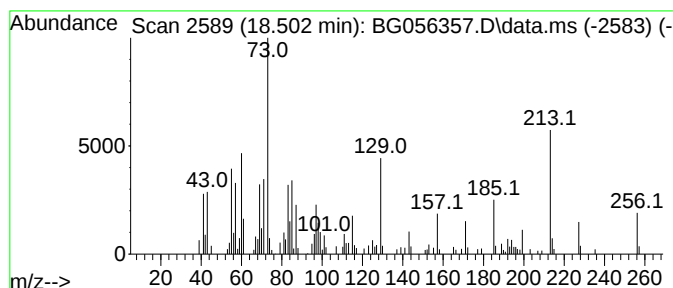
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.502	4.61 ng	156652	Phenanthrene-d10	17.656

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	60
3			Tridecanoic acid	214	C13H26O2	000638-53-9	43
4			Dodecanoic acid	200	C12H24O2	000143-07-7	38
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	38



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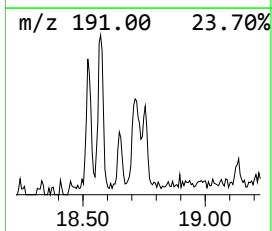
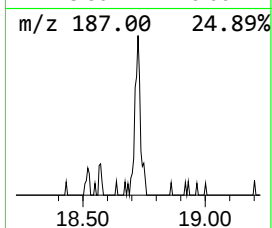
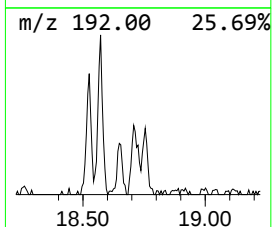
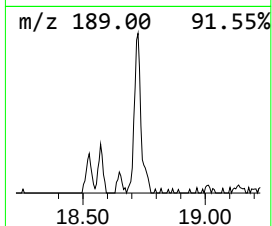
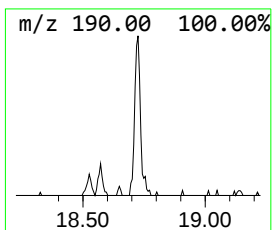
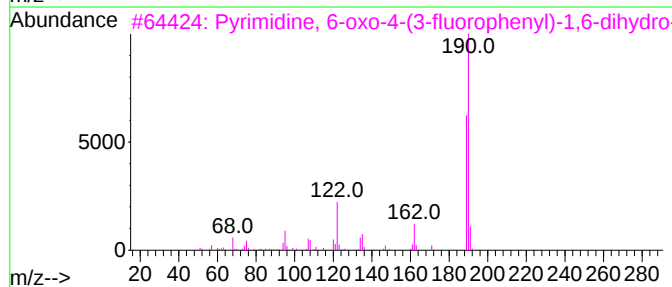
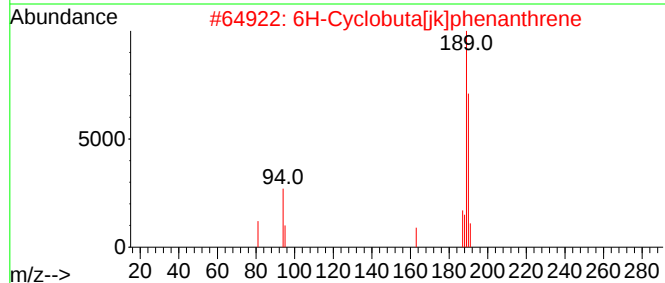
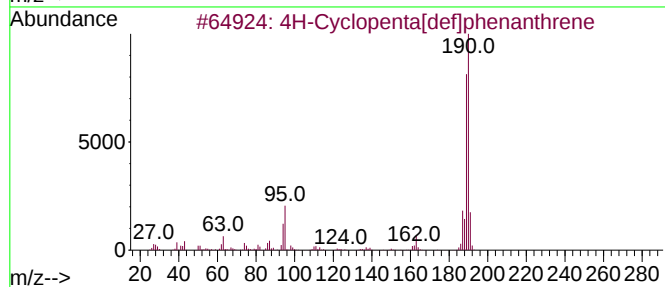
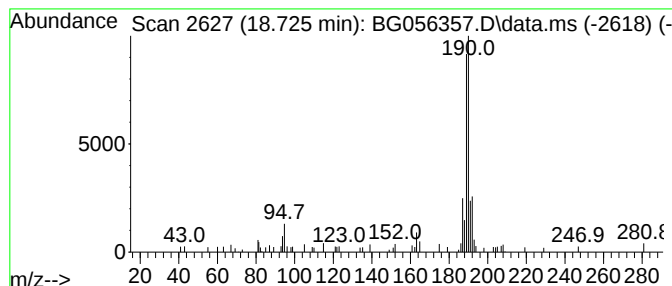
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.725	2.07 ng	70367	Phenanthrene-d10	17.656	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Pyridazine-3(2H)-thione, 4-chlor...	190	C6H7C1N2OS	072038-53-0	35



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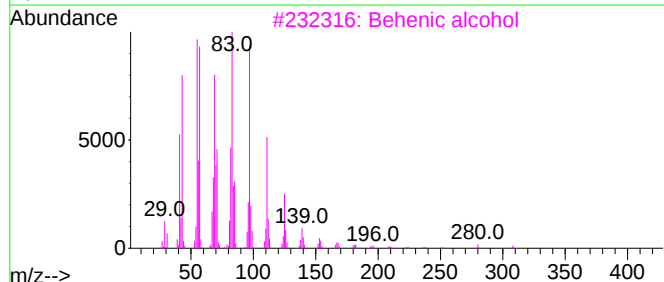
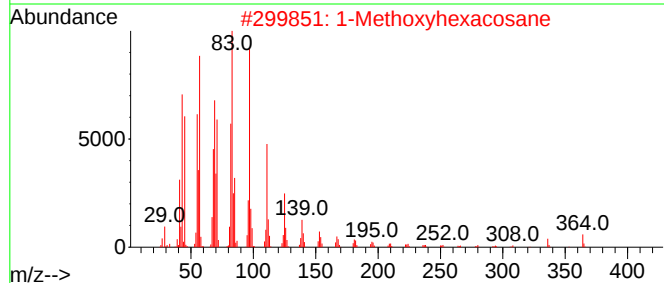
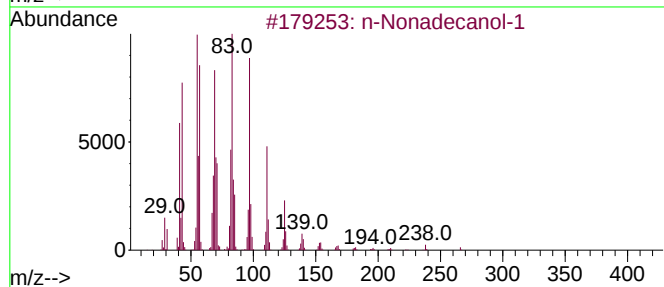
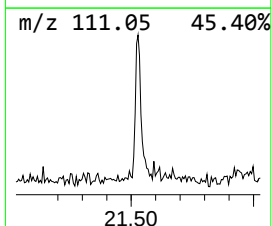
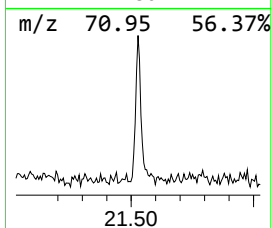
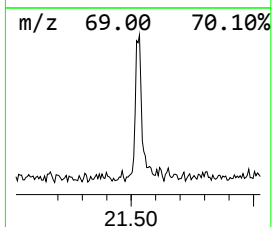
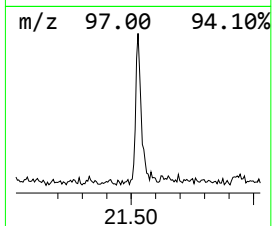
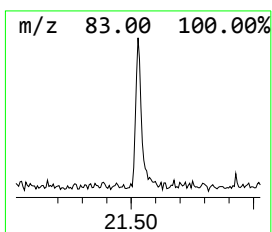
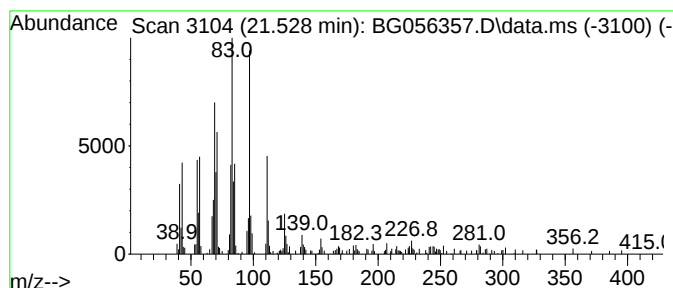
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Peak Number 4 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.528	4.36 ng	201930	Chrysene-d12	21.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Nonadecanol-1	284	C19H40O	001454-84-8	83
2			1-Methoxyhexacosane	396	C27H56O	237742-59-5	80
3			Behenic alcohol	326	C22H46O	000661-19-8	72
4			Eicosyl methyl ether	312	C21H44O	1000406-29-4	72
5			n-Pentadecanol	228	C15H32O	000629-76-5	52



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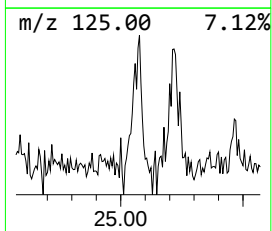
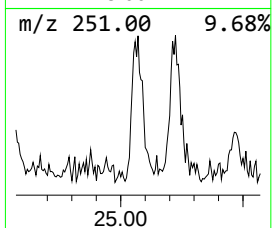
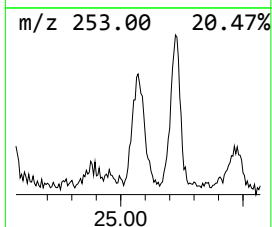
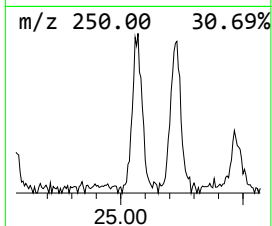
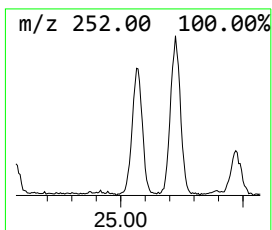
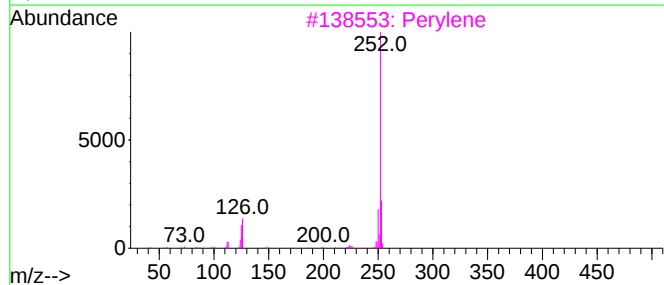
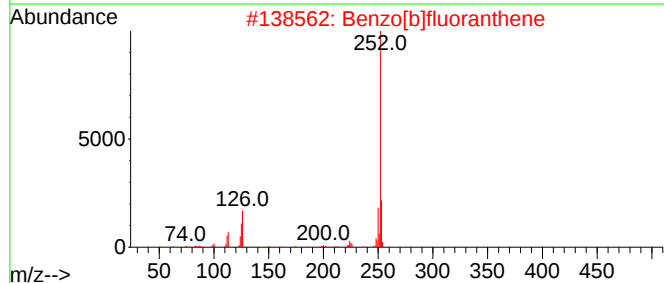
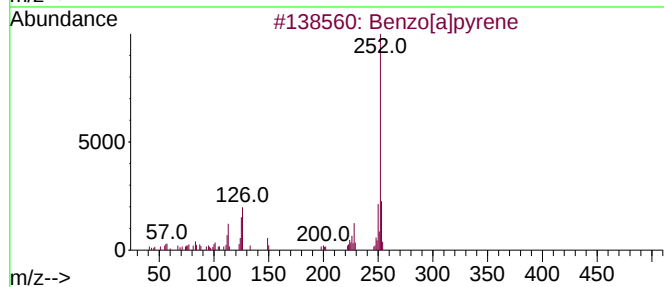
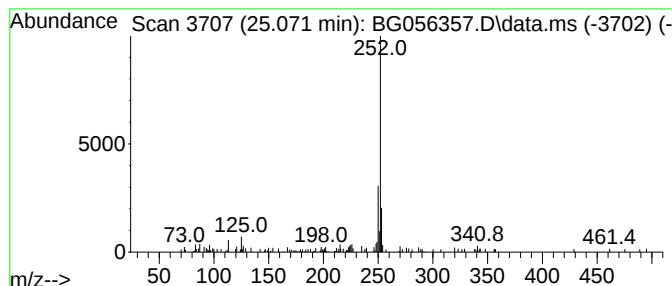
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Peak Number 5 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.071	4.19 ng	140904	Perylene-d12	25.394

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	76
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
3			Perylene	252	C20H12	000198-55-0	76
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	70
5			Benzo[e]pyrene	252	C20H12	000192-97-2	68



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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
unknown5.341	5.341	16.7	ng	167711	1	8.308	200330	20.0
n-Hexadecanoic ...	18.502	4.6	ng	156652	4	17.656	679285	20.0
4H-Cyclopenta[d...]	18.725	2.1	ng	70367	4	17.656	679285	20.0
n-Nonadecanol-1	21.528	4.4	ng	201930	5	21.951	926741	20.0
Perylene	25.071	4.2	ng	140904	6	25.394	673305	20.0