

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141001.D
 Acq On : 27 Dec 2024 17:21
 Operator : RC/JU
 Sample : P5362-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219

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_F\Methods\8270-BF122624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.045	491	502	510	rBV2	51707	104002	1.43%	0.200%
2	5.434	561	568	573	rBV	4727311	6438920	88.25%	12.398%
3	5.663	602	607	618	rBV	44571	87249	1.20%	0.168%
4	6.439	732	739	745	rBV	4500530	6666580	91.37%	12.836%
5	6.822	799	804	809	rBV	1183747	1444939	19.80%	2.782%
6	7.381	892	899	904	rBV	3132762	4225354	57.91%	8.136%
7	7.639	938	943	949	rBV	151487	184373	2.53%	0.355%
8	8.104	1016	1022	1030	rBV	1572154	1972595	27.03%	3.798%
9	9.180	1198	1205	1210	rBV	5475621	7296512	100.00%	14.049%
10	9.857	1312	1320	1331	rBV	1741370	2266364	31.06%	4.364%
11	10.569	1436	1441	1447	rBV	863072	1072295	14.70%	2.065%
12	10.639	1447	1453	1468	rVV	3604082	4819097	66.05%	9.279%
13	11.339	1567	1572	1579	rVB	1759871	2186525	29.97%	4.210%
14	11.874	1657	1663	1674	rBV	443352	742542	10.18%	1.430%
15	12.033	1687	1690	1698	rVB4	50505	81101	1.11%	0.156%
16	12.551	1774	1778	1783	rBV	63018	95330	1.31%	0.184%
17	12.651	1791	1795	1803	rBV3	97674	186734	2.56%	0.360%
18	12.774	1812	1816	1821	rVB	185384	241378	3.31%	0.465%
19	12.927	1836	1842	1847	rBV	5093975	6473690	88.72%	12.465%
20	13.833	1991	1996	2007	rBV	243428	409159	5.61%	0.788%
21	13.974	2014	2020	2031	rBV	1181884	1730895	23.72%	3.333%
22	15.010	2191	2196	2209	rVB	160361	351919	4.82%	0.678%
23	15.115	2210	2214	2223	rVB	62741	96685	1.33%	0.186%
24	15.310	2242	2247	2251	rBV	221174	326992	4.48%	0.630%
25	15.368	2252	2257	2262	rVB	207388	317804	4.36%	0.612%
26	15.433	2262	2268	2281	rBV	979558	1533698	21.02%	2.953%
27	16.868	2506	2512	2522	rVB2	113601	256433	3.51%	0.494%
28	17.298	2579	2585	2603	rVB	139907	326477	4.47%	0.629%

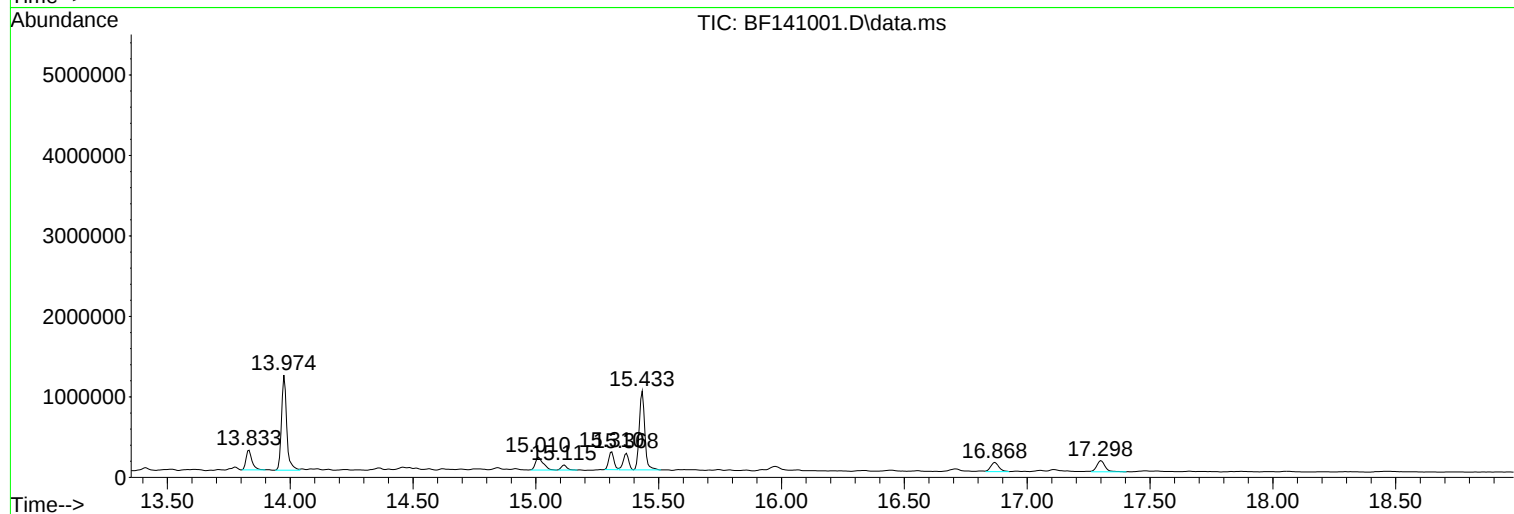
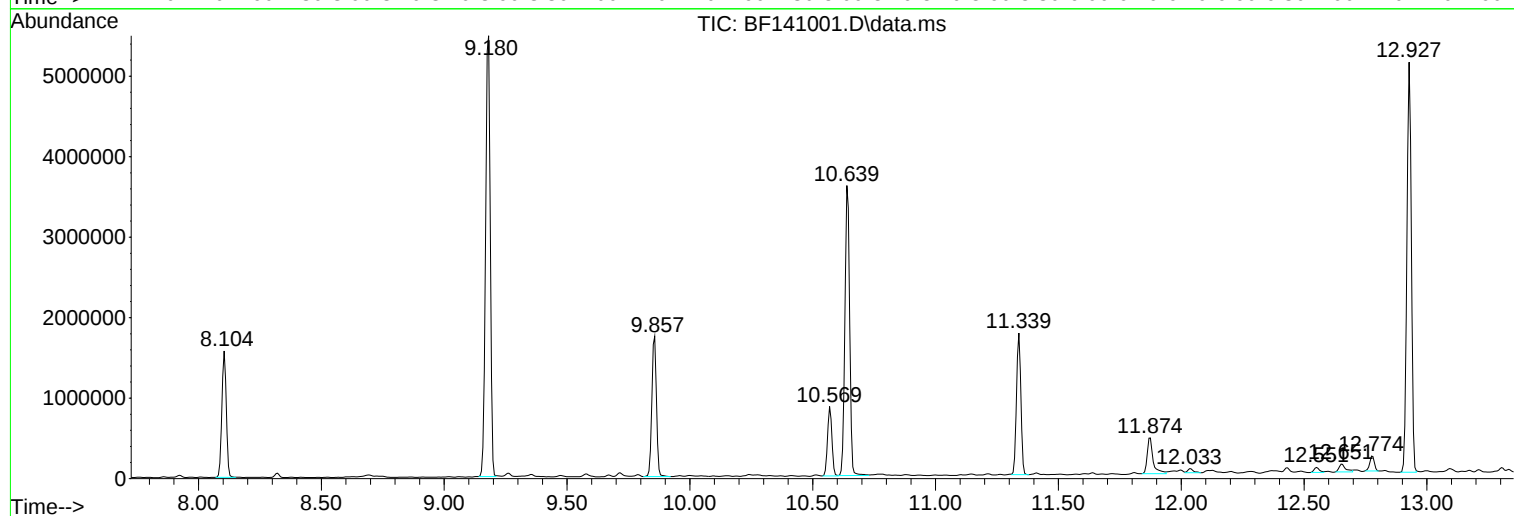
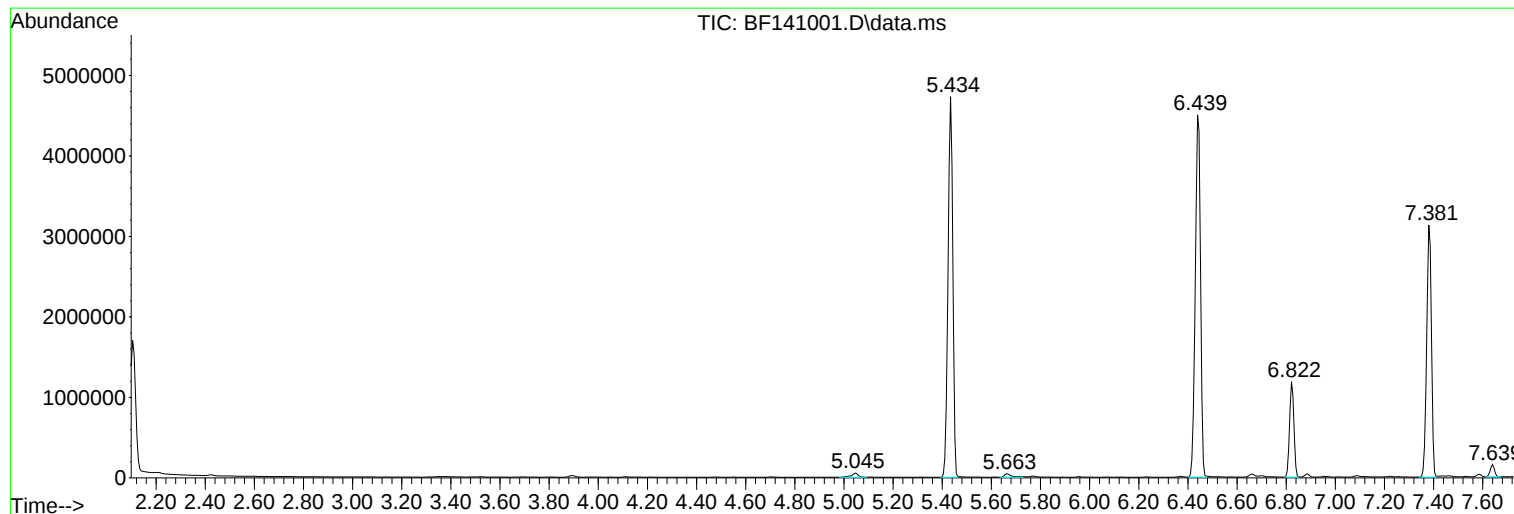
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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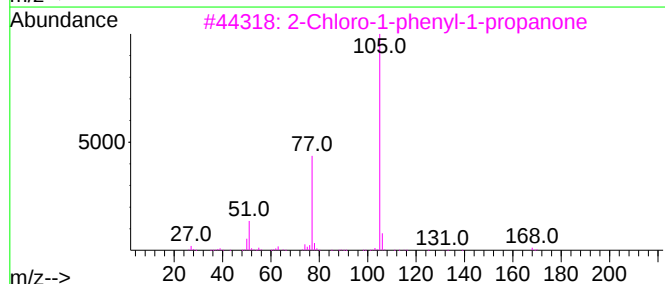
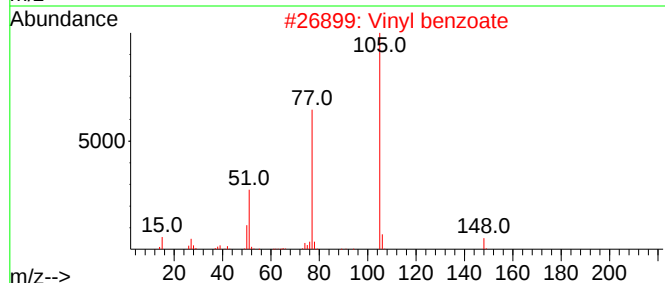
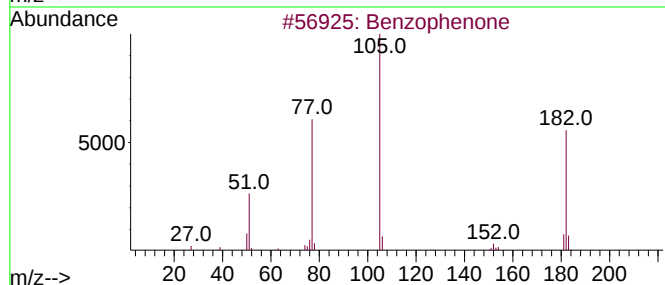
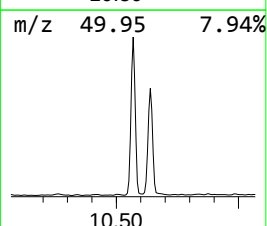
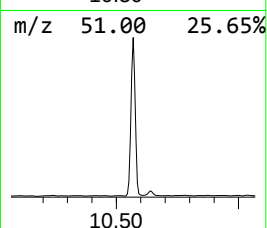
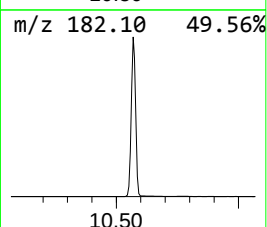
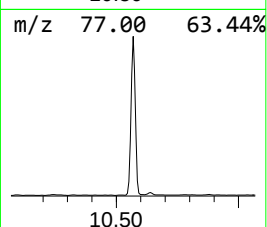
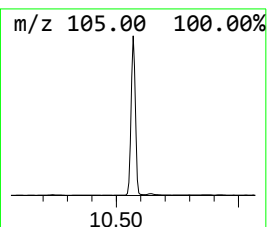
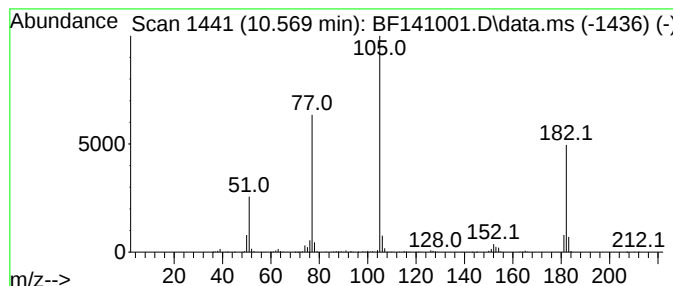
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	9.46 ng	1072300	Acenaphthene-d10	9.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Vinyl benzoate	148	C9H8O2	000769-78-8	47
3			2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	47
4			N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



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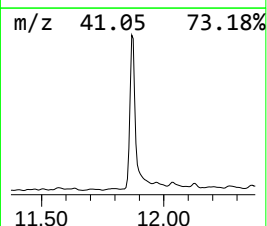
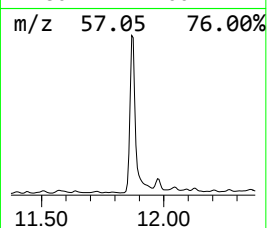
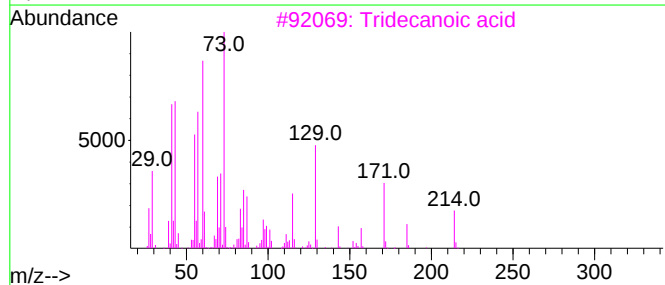
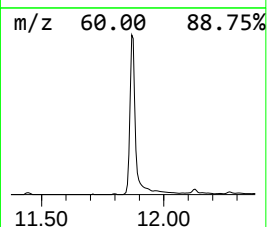
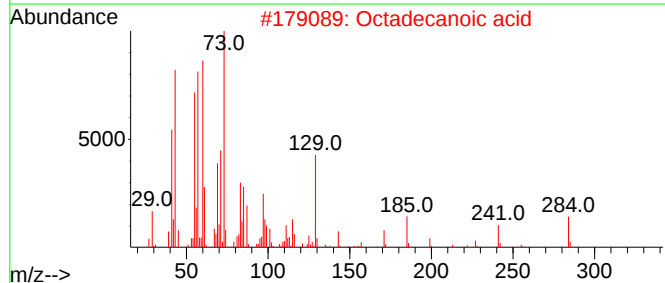
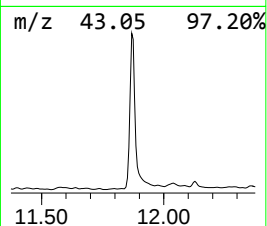
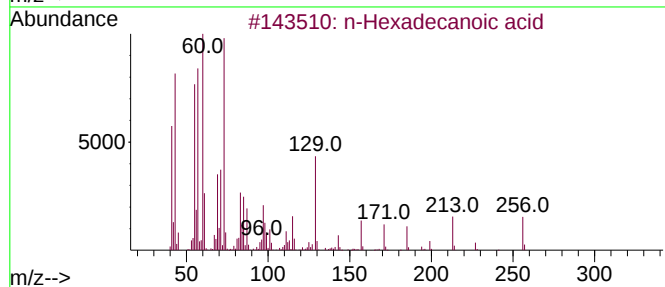
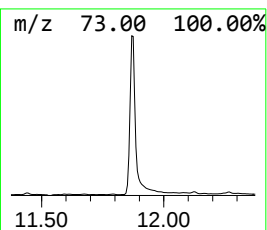
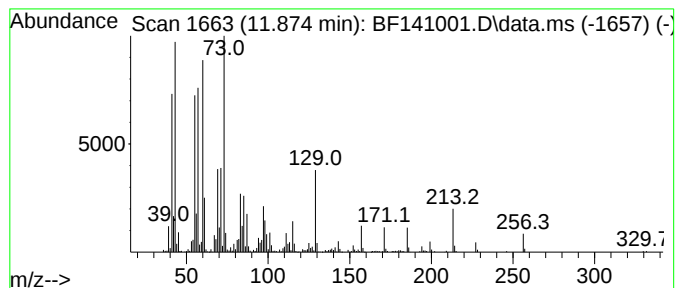
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	6.79 ng	742542	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	92
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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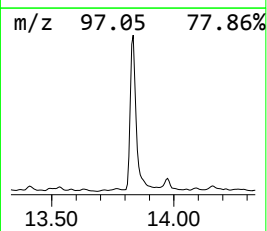
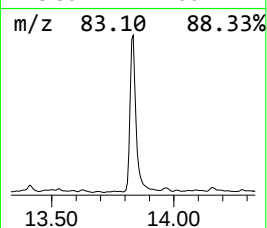
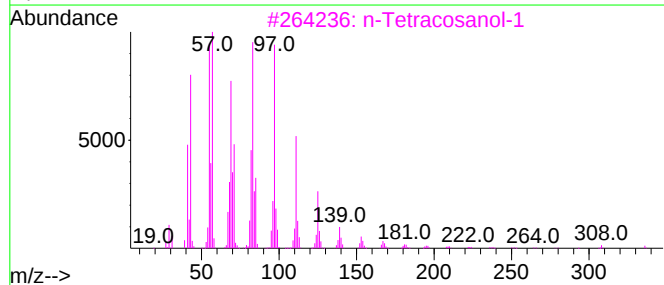
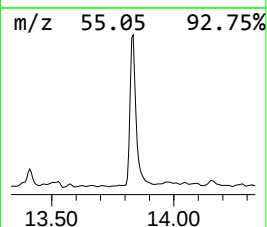
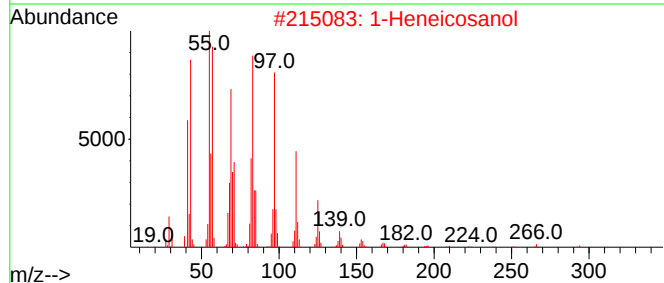
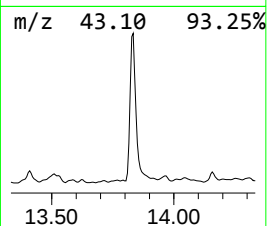
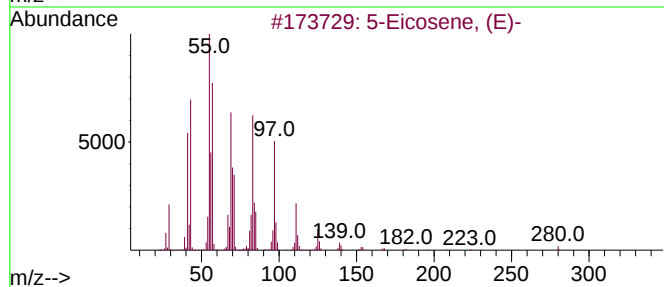
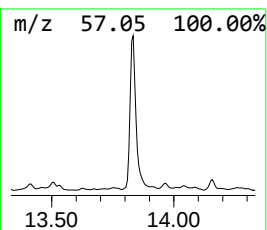
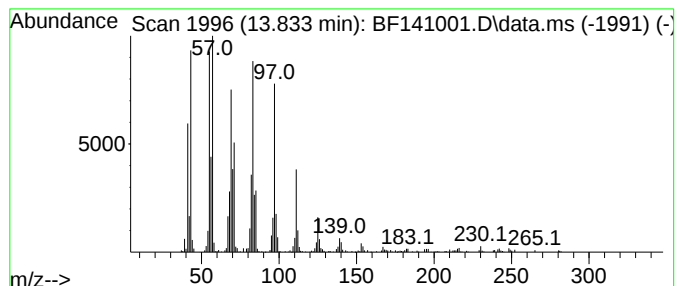
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	4.73 ng	409159	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2			1-Heneicosanol	312	C21H44O	015594-90-8	95
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94



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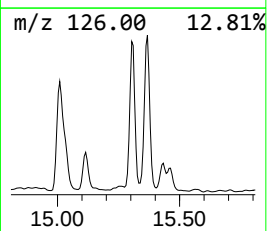
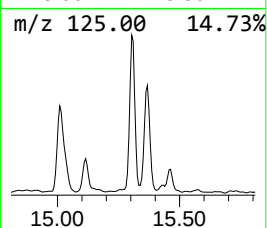
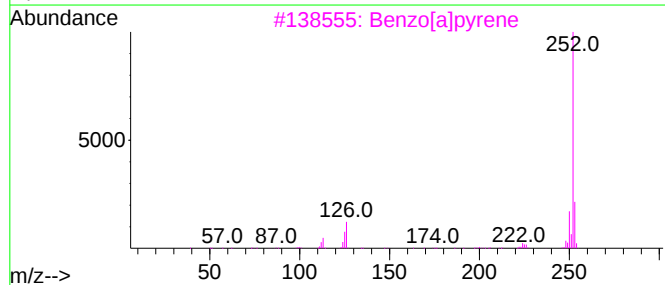
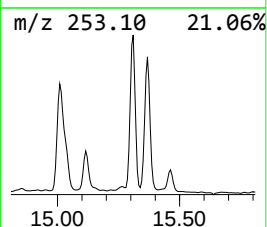
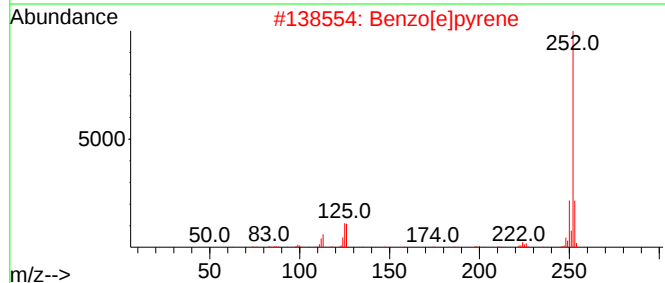
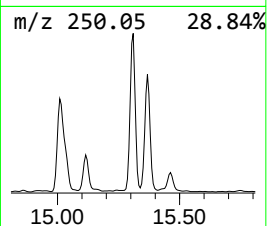
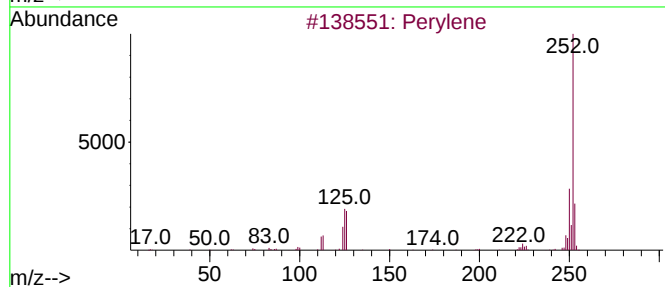
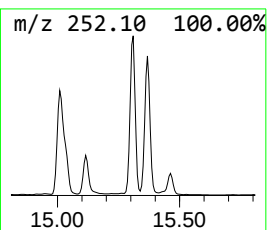
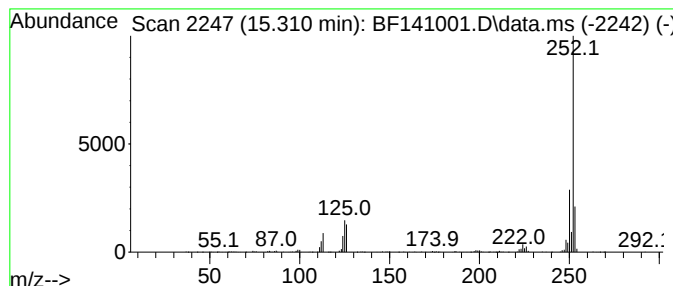
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Peak Number 4 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	4.26 ng	326992	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



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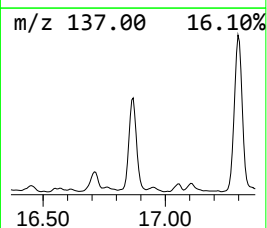
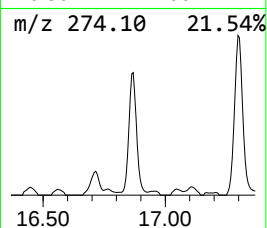
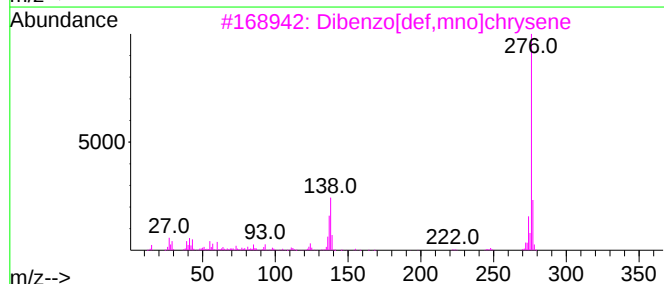
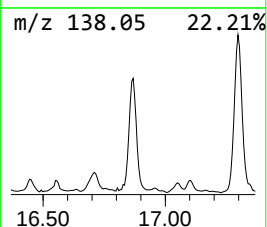
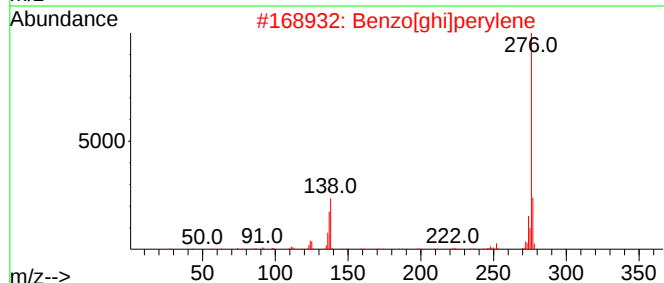
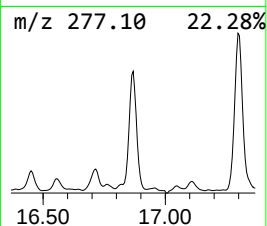
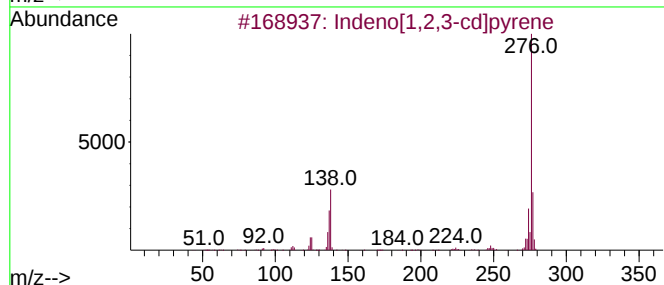
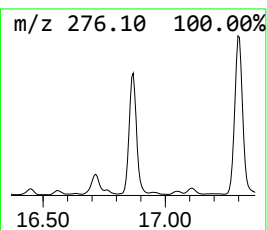
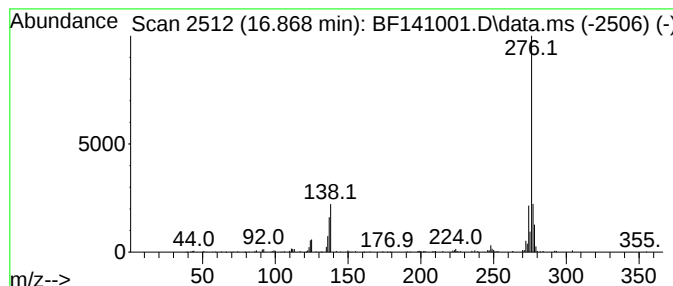
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.868	3.34 ng	256433	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	98
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	98
3			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	95
5			Oxalic acid, diamide, N,N'-bis(4...	276	C14H10F2N2O2	1000309-42-9	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.569	9.5	ng	1072300	3	9.857	2266360	20.0
n-Hexadecanoic ...	11.874	6.8	ng	742542	4	11.339	2186530	20.0
5-Eicosene, (E)-	13.833	4.7	ng	409159	5	13.974	1730900	20.0
Perylene	15.310	4.3	ng	326992	6	15.433	1533700	20.0
Dibenzo[def,mno...	16.868	3.3	ng	256433	6	15.433	1533700	20.0