

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020302.D
 Acq On : 12 May 2019 17:19
 Operator : JU/SJ
 Sample : K2768-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS015-0206-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BM043019.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	395	401	413	rBV	1054123	1539194	51.17%	7.039%
2	6.934	664	671	681	rBV	944385	1576960	52.42%	7.212%
3	7.293	726	732	746	rBV	1013246	1663376	55.30%	7.607%
4	7.763	806	812	820	rBV	212201	339652	11.29%	1.553%
5	8.081	859	866	876	rBV	754944	1206231	40.10%	5.517%
6	8.928	1003	1010	1024	rBV	538161	953011	31.68%	4.359%
7	10.557	1280	1287	1303	rBV	217061	399477	13.28%	1.827%
8	13.027	1700	1707	1720	rBV	1149631	1784466	59.32%	8.161%
9	13.869	1844	1850	1860	rBV	136952	202969	6.75%	0.928%
10	14.133	1889	1895	1903	rBV	26167	40953	1.36%	0.187%
11	14.410	1936	1942	1953	rBV2	362570	547931	18.22%	2.506%
12	15.904	2189	2196	2213	rBV	1129659	1685154	56.02%	7.707%
13	17.157	2403	2409	2414	rBV2	469434	703285	23.38%	3.216%
14	17.198	2414	2416	2427	rVV	82049	117743	3.91%	0.538%
15	18.039	2554	2559	2563	rBV3	77332	121689	4.05%	0.557%
16	18.080	2563	2566	2572	rVB2	36906	53176	1.77%	0.243%
17	18.221	2585	2590	2595	rBV3	37894	67918	2.26%	0.311%
18	18.262	2595	2597	2603	rVB2	24193	31851	1.06%	0.146%
19	18.539	2638	2644	2647	rBV	25072	38200	1.27%	0.175%
20	18.586	2647	2652	2660	rVB	29682	47695	1.59%	0.218%
21	18.951	2709	2714	2720	rBV3	37743	71889	2.39%	0.329%
22	19.098	2734	2739	2745	rBV3	30580	48242	1.60%	0.221%
23	19.215	2754	2759	2765	rVB	188061	268058	8.91%	1.226%
24	19.374	2781	2786	2791	rVB	34386	45929	1.53%	0.210%
25	19.586	2813	2822	2830	rBV	377661	544132	18.09%	2.489%
26	19.786	2851	2856	2867	rBV	2485628	3008117	100.00%	13.757%
27	19.909	2872	2877	2887	rBV2	35185	87618	2.91%	0.401%
28	20.056	2895	2902	2903	rBV6	41460	82078	2.73%	0.375%
29	20.239	2928	2933	2937	rBV	58748	76081	2.53%	0.348%
30	20.380	2952	2957	2961	rBV	59742	86945	2.89%	0.398%
31	20.421	2961	2964	2972	rVB	46855	72447	2.41%	0.331%
32	20.827	3029	3033	3038	rVB2	36437	54413	1.81%	0.249%
33	21.045	3065	3070	3078	rBV4	182755	334118	11.11%	1.528%
34	21.345	3114	3121	3125	rBV3	805393	1298893	43.18%	5.940%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.386	3125	3128	3137	rVB	201883	298851	9.93%	1.367%
36	21.556	3154	3157	3166	rVB2	63553	106098	3.53%	0.485%
37	22.521	3317	3321	3325	rBV	75283	113403	3.77%	0.519%
38	22.944	3388	3393	3405	rVB2	166951	530506	17.64%	2.426%
39	23.433	3471	3476	3483	rBV	129339	234062	7.78%	1.070%
40	23.533	3488	3493	3501	rVV	150331	273177	9.08%	1.249%
41	23.633	3504	3510	3527	rVB	542858	1109428	36.88%	5.074%

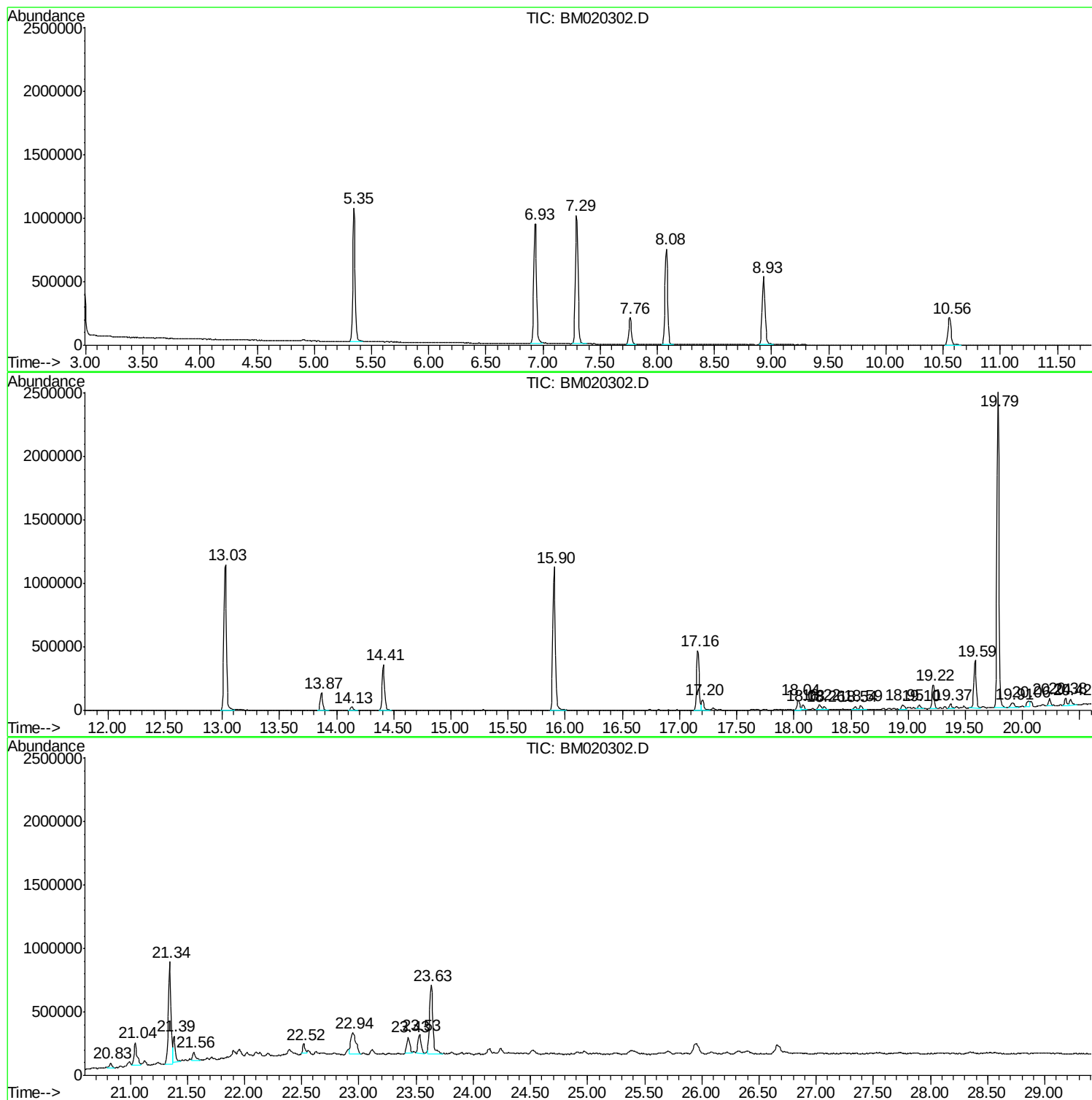
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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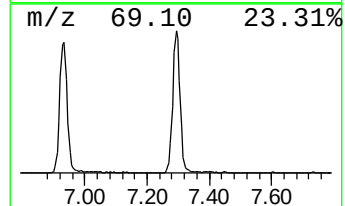
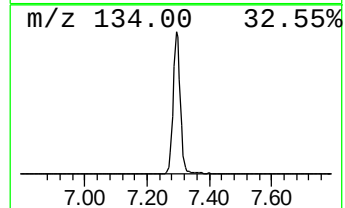
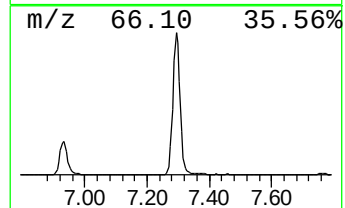
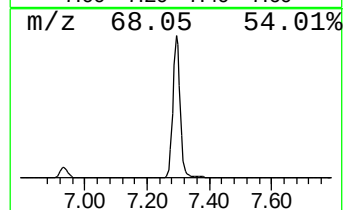
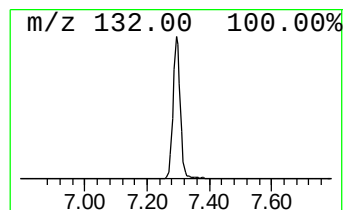
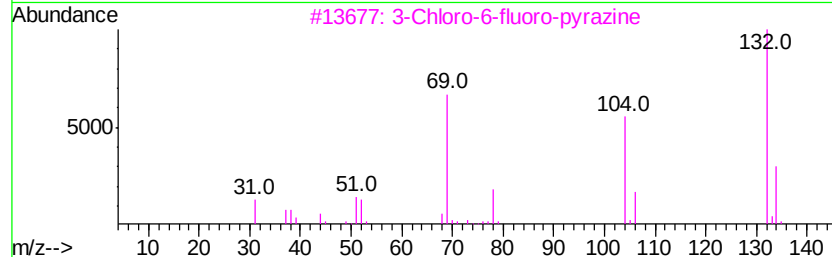
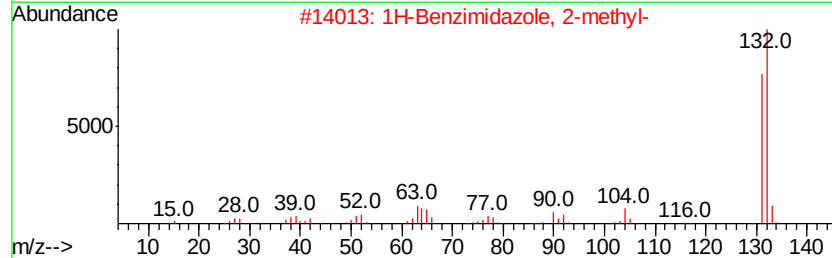
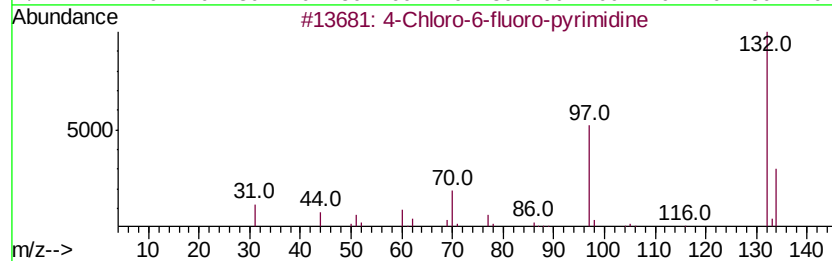
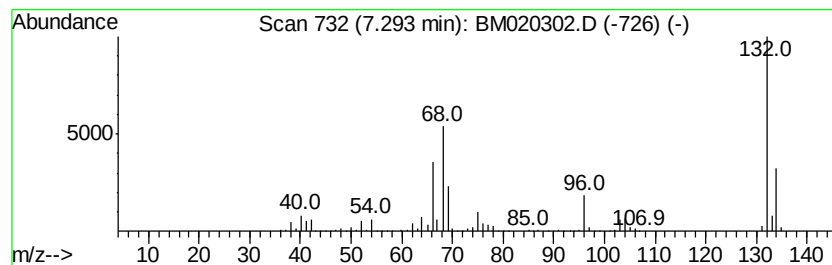
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	97.95 ng	1663380	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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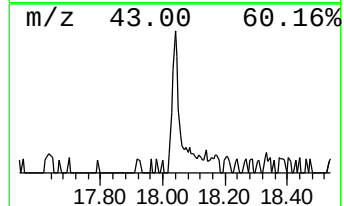
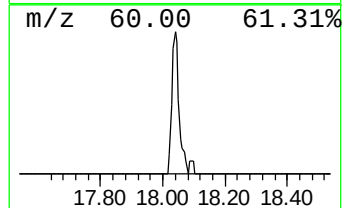
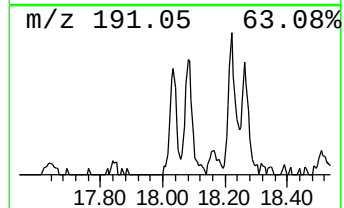
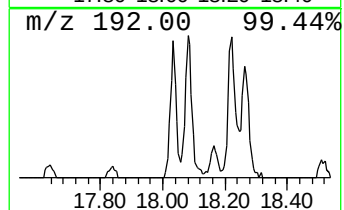
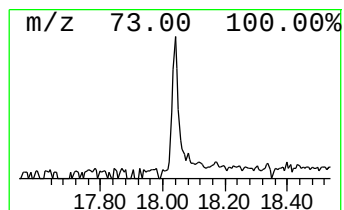
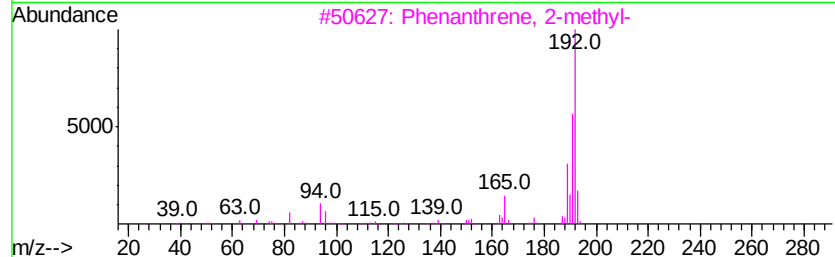
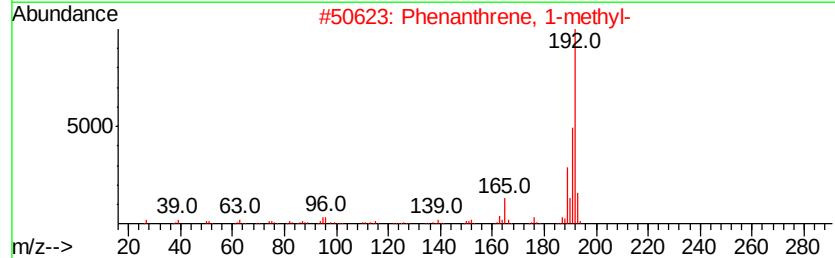
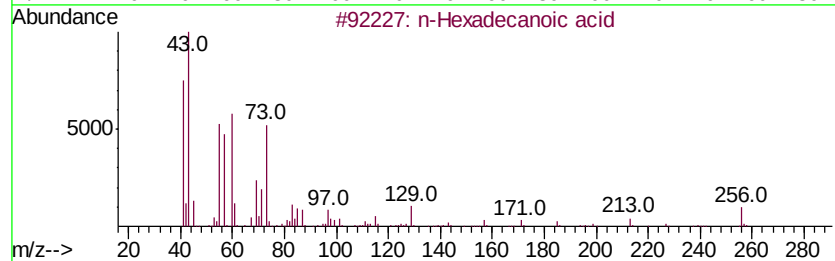
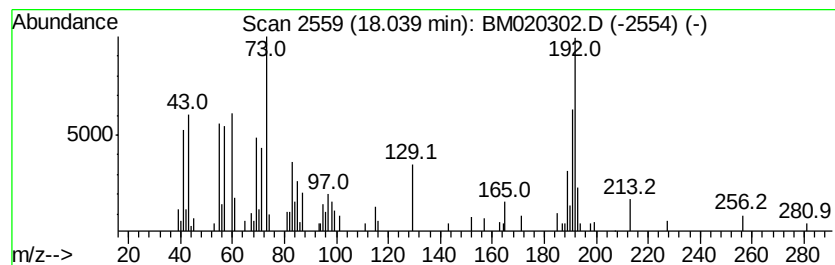
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.04	3.46 ng	121689	Phenanthrene-d10		17.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46



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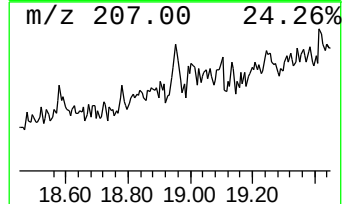
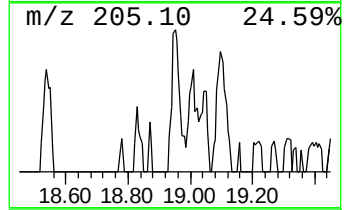
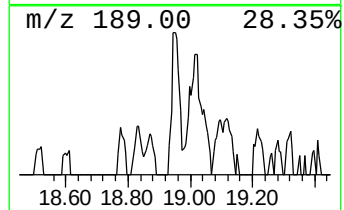
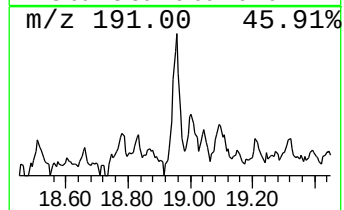
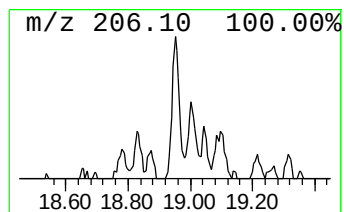
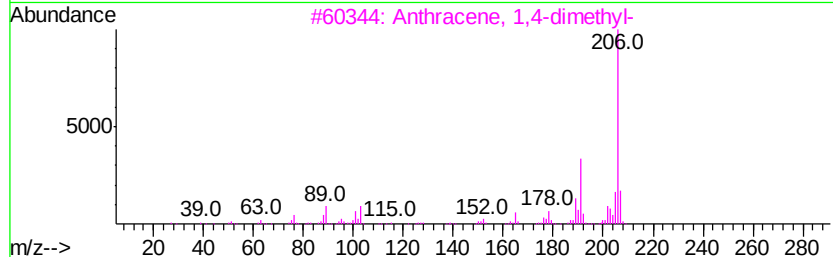
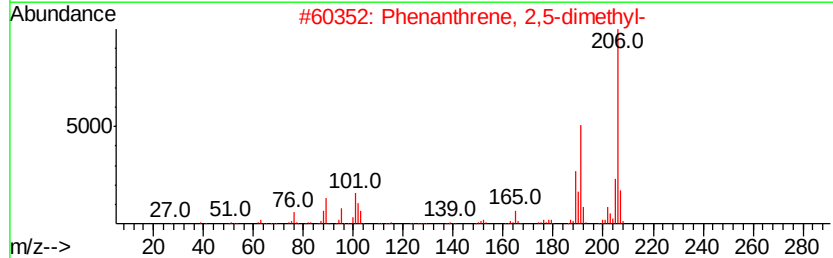
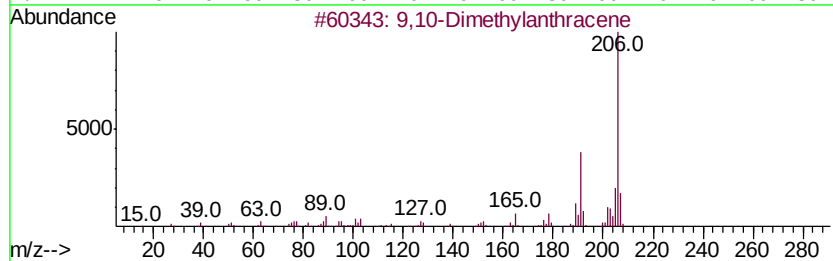
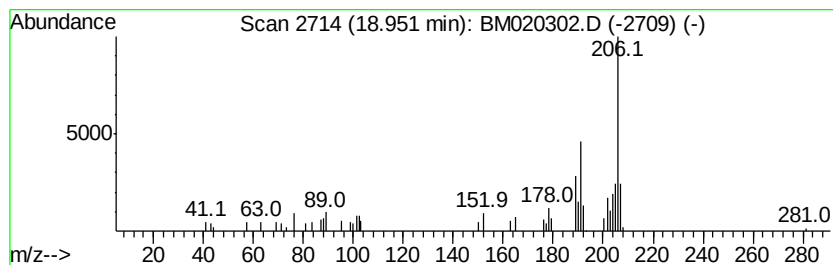
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.95	2.04 ng	71889	Phenanthrene-d10		17.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	90
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene		206	C16H14	002789-88-0	87



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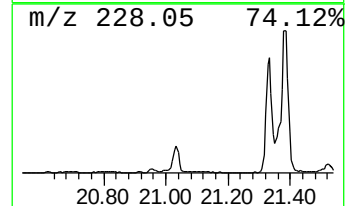
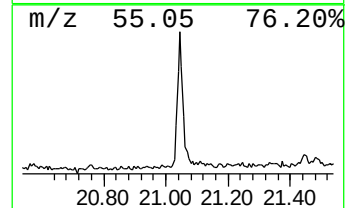
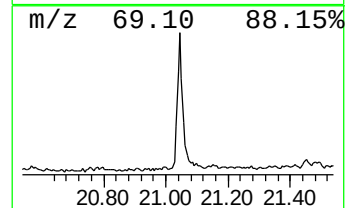
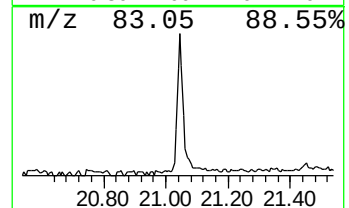
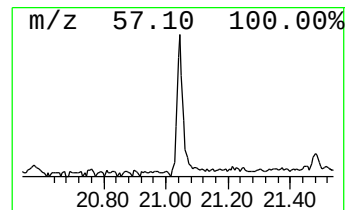
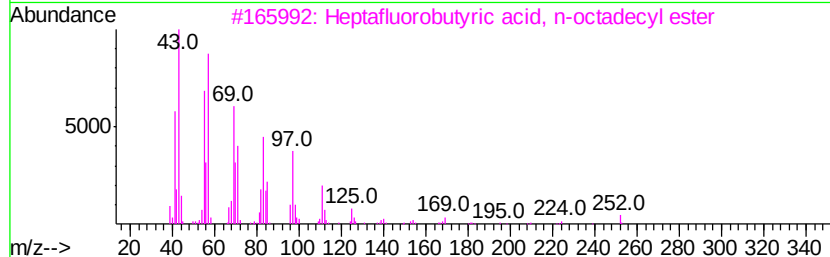
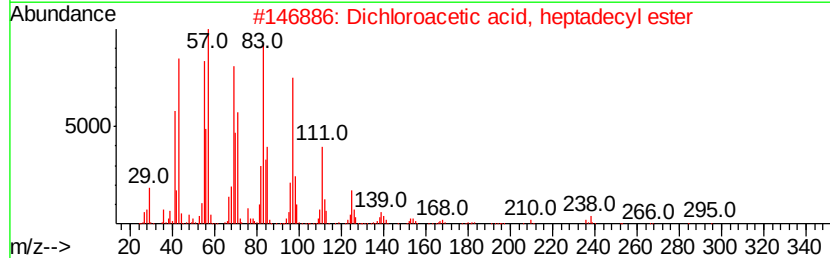
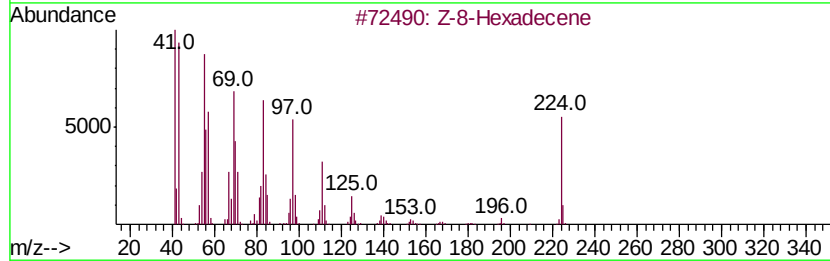
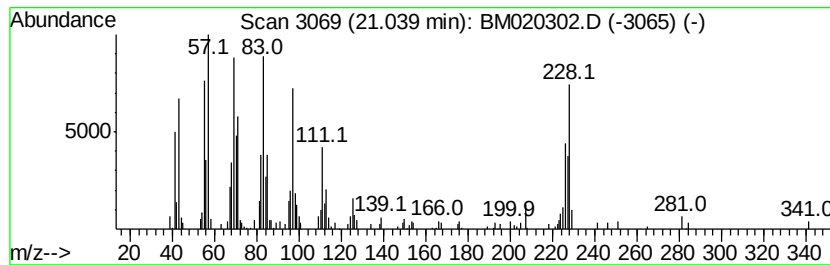
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Peak Number 5 Z-8-Hexadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.04	5.14 ng	334118	Chrysene-d12	21.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Heptafluorobutvric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90



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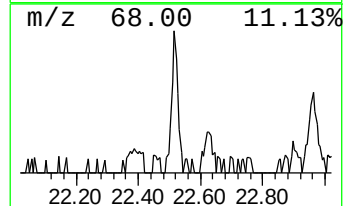
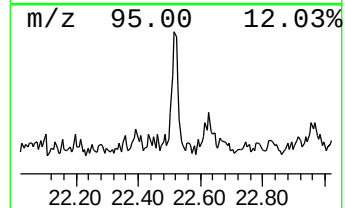
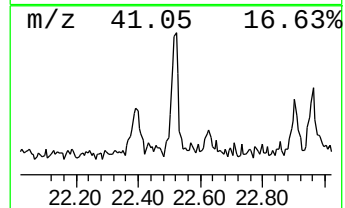
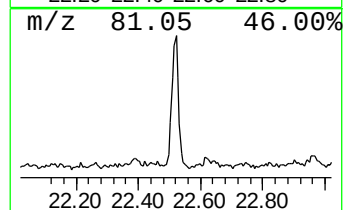
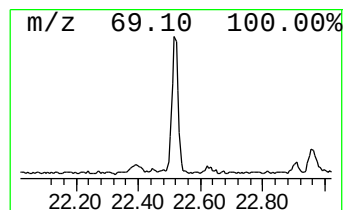
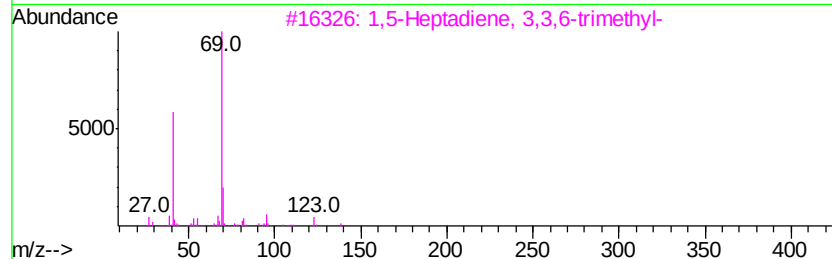
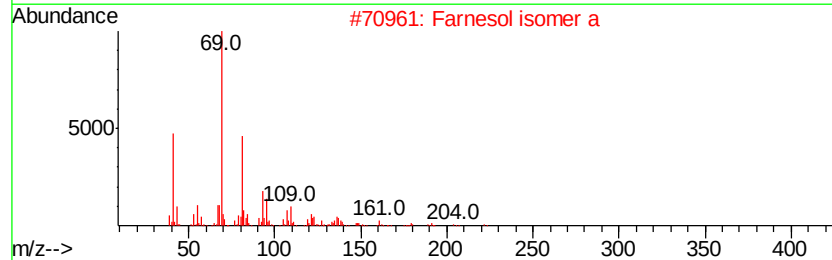
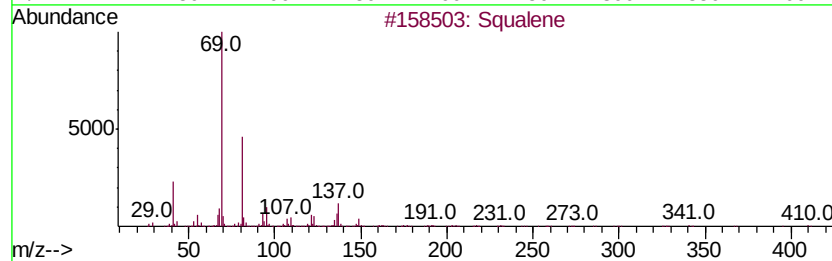
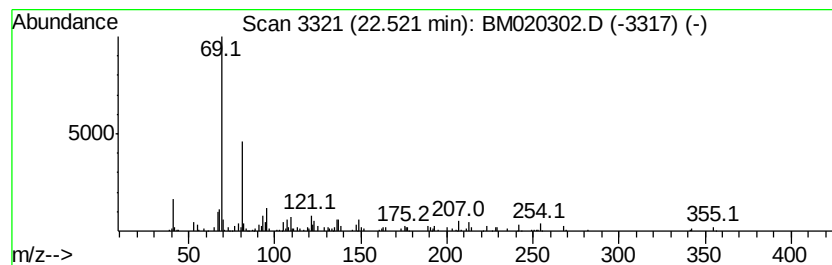
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Peak Number 6 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.52	2.04 ng	113403	Perylene-d12	23.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	64
2	Farnesol isomer a	222	C15H26O	1000108-92-4	64
3	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5	Propanoic acid, 2-(1,2,3,4-tetra...	268	C11H16N4O4	339244-80-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020302.D
Acq On : 12 May 2019 17:19
Operator : JU/SJ
Sample : K2768-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

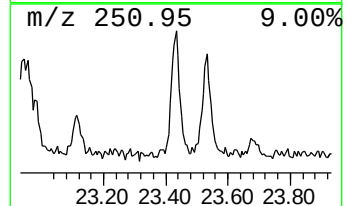
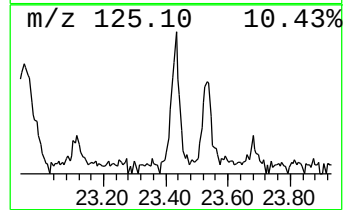
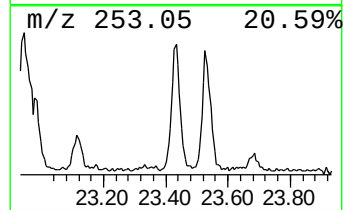
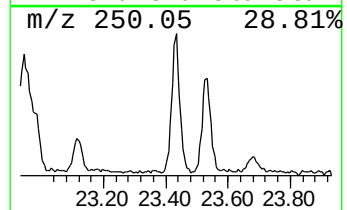
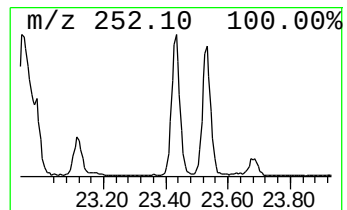
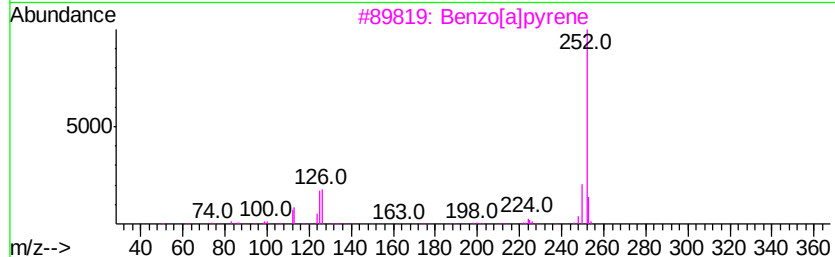
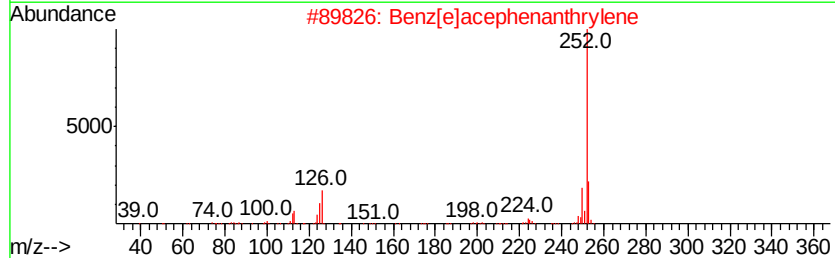
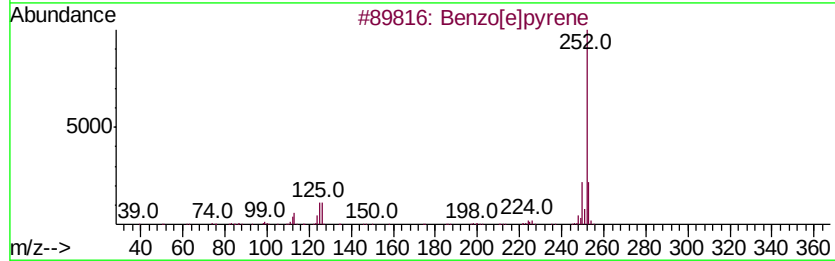
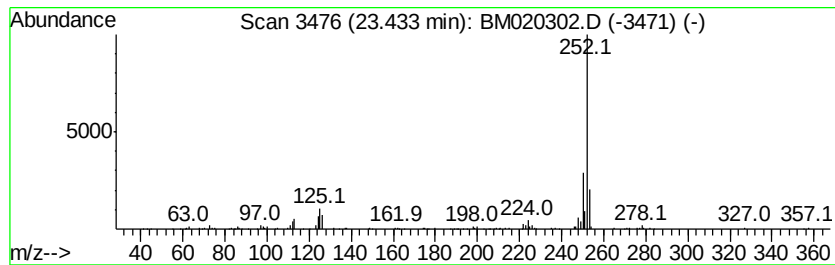
Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	4.22 ng	234062	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]bpvrene	252 C20H12	000192-97-2	90
2	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	90
3	Benzo[a]bpvrene	252 C20H12	000050-32-8	81
4	Perylene	252 C20H12	000198-55-0	81
5	Benzo[j]fluoranthene	252 C20H12	000205-82-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
Data File : BM020302.D
Acq On : 12 May 2019 17:19
Operator : JU/SJ
Sample : K2768-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS015-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.29	7.29	98.0	ng	1663380	1	7.76	339652	20.0
n-Hexadecanoic acid	18.04	3.5	ng	121689	4	17.16	703285	20.0
9,10-Dimethylantr...	18.95	2.0	ng	71889	4	17.16	703285	20.0
Z-8-Hexadecene	21.04	5.1	ng	334118	5	21.34	1298890	20.0
Squalene	22.52	2.0	ng	113403	6	23.63	1109430	20.0
Benzo[e]pyrene	23.43	4.2	ng	234062	6	23.63	1109430	20.0