

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
 Data File : BM020321.D
 Acq On : 13 May 2019 18:09
 Operator : JU/SJ
 Sample : K2767-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS012-0612-01

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	5.340	395	400	412	rVB	827781	1252801	48.27%	7.166%
2	6.928	663	670	686	rBV	807330	1336366	51.49%	7.644%
3	7.292	725	732	741	rBV	851421	1399691	53.93%	8.006%
4	7.757	805	811	818	rBV	178754	275868	10.63%	1.578%
5	8.075	858	865	875	rBV	606142	967441	37.27%	5.534%
6	8.928	1001	1010	1025	rBV	435628	820354	31.61%	4.692%
7	10.551	1278	1286	1294	rBV	181635	315090	12.14%	1.802%
8	13.021	1699	1706	1725	rBV	1016716	1556642	59.97%	8.904%
9	13.863	1843	1849	1859	rBV	154661	231604	8.92%	1.325%
10	14.133	1889	1895	1904	rVB	17875	29244	1.13%	0.167%
11	14.280	1913	1920	1930	rBV3	13301	27510	1.06%	0.157%
12	14.404	1935	1941	1950	rBV2	290642	444379	17.12%	2.542%
13	15.898	2189	2195	2210	rBV	915176	1408360	54.26%	8.056%
14	17.156	2403	2409	2414	rBV	375366	568820	21.91%	3.254%
15	17.198	2414	2416	2423	rVB	43997	61550	2.37%	0.352%
16	18.039	2553	2559	2563	rBV2	89256	136929	5.28%	0.783%
17	18.074	2563	2565	2570	rVB	22216	32285	1.24%	0.185%
18	18.215	2585	2589	2594	rBV3	23410	41904	1.61%	0.240%
19	18.327	2604	2608	2613	rVB3	18066	25969	1.00%	0.149%
20	18.580	2647	2651	2657	rVV4	18172	27603	1.06%	0.158%
21	18.956	2710	2715	2719	rBV4	35742	68003	2.62%	0.389%
22	19.098	2734	2739	2744	rBV5	17810	28302	1.09%	0.162%
23	19.215	2751	2759	2766	rBV	118845	176820	6.81%	1.011%
24	19.368	2781	2785	2789	rVB	22309	30229	1.16%	0.173%
25	19.580	2817	2821	2830	rVV	223256	301525	11.62%	1.725%
26	19.656	2830	2834	2839	rBV7	21098	37903	1.46%	0.217%
27	19.786	2850	2856	2868	rVB	1991421	2595600	100.00%	14.847%
28	19.903	2872	2876	2885	rBV5	23422	55571	2.14%	0.318%
29	20.044	2896	2900	2901	rBV3	30301	34517	1.33%	0.197%
30	20.233	2929	2932	2937	rVB	37083	45202	1.74%	0.259%
31	20.374	2953	2956	2960	rBV	46164	54255	2.09%	0.310%
32	20.421	2960	2964	2967	rBV	34530	45644	1.76%	0.261%
33	21.039	3065	3069	3079	rBV3	217460	337802	13.01%	1.932%
34	21.344	3115	3121	3125	rBV2	632534	968988	37.33%	5.543%

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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	3135	rVB	138496	199477	7.69%	1.141%
36	22.515	3317	3320	3324	rVB	151776	179862	6.93%	1.029%
37	22.944	3389	3393	3404	rVB2	106121	300546	11.58%	1.719%
38	23.433	3472	3476	3480	rBV	79551	129375	4.98%	0.740%
39	23.527	3489	3492	3500	rVB	99973	184991	7.13%	1.058%
40	23.633	3504	3510	3524	rVB	346285	747728	28.81%	4.277%

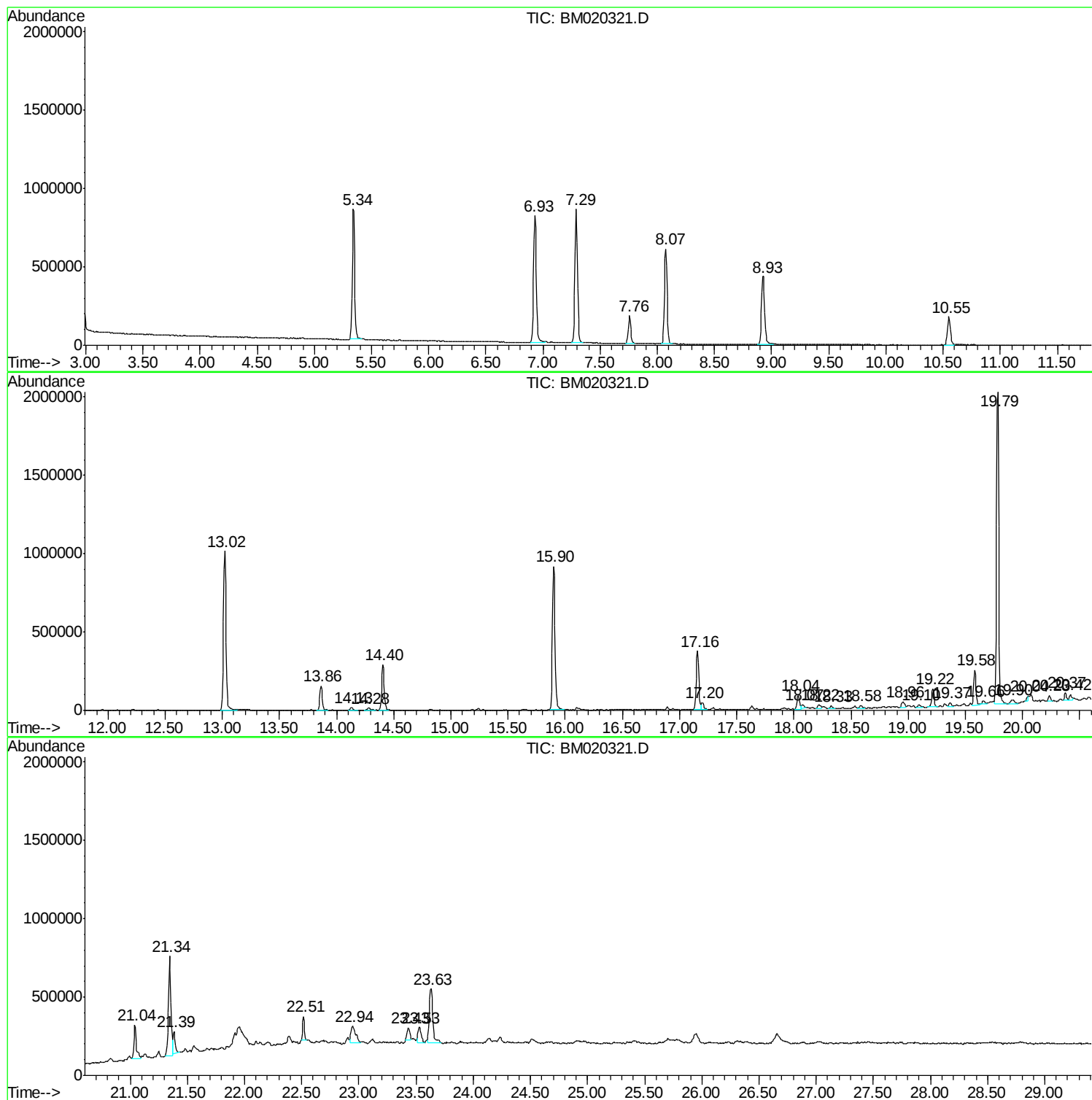
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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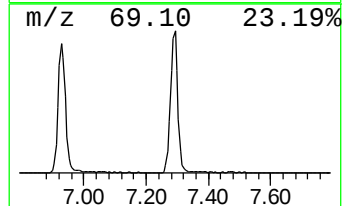
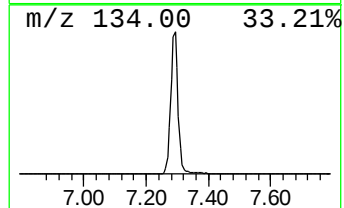
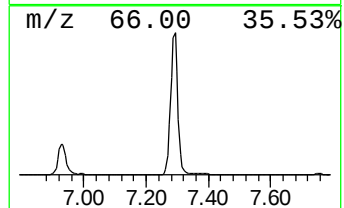
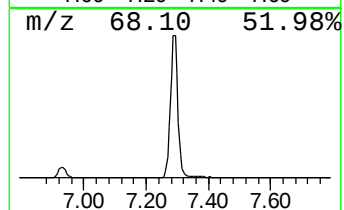
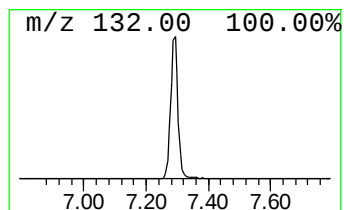
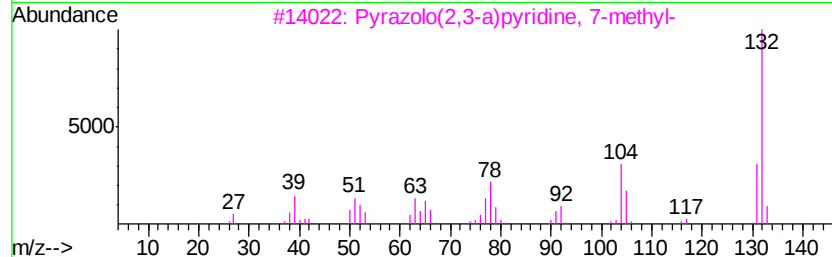
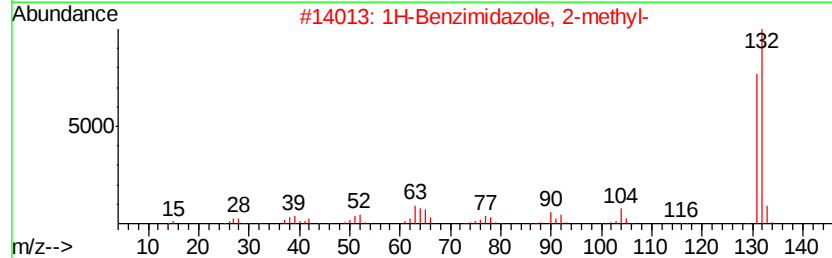
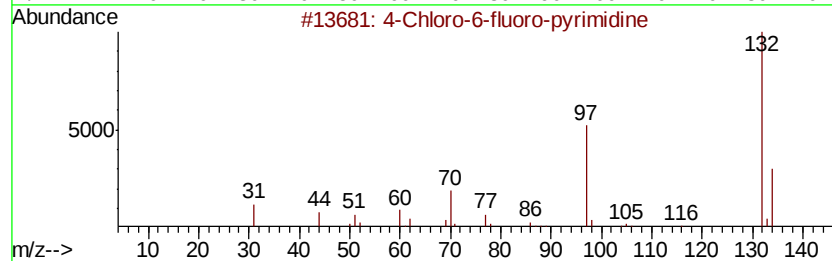
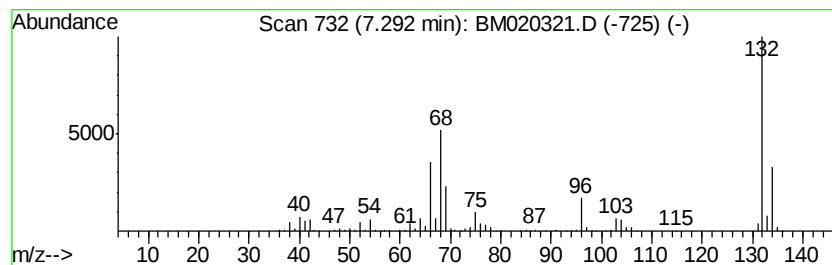
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	101.48 ng	1399690	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		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4		5-Aminoindole	132	C8H8N2	005192-03-0	22
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13



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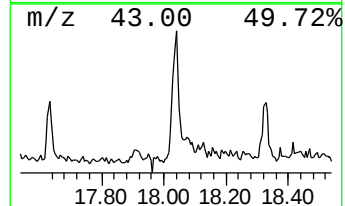
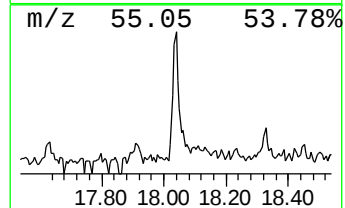
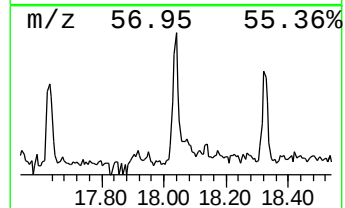
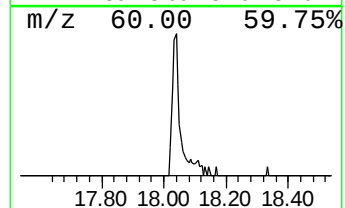
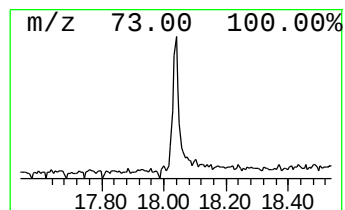
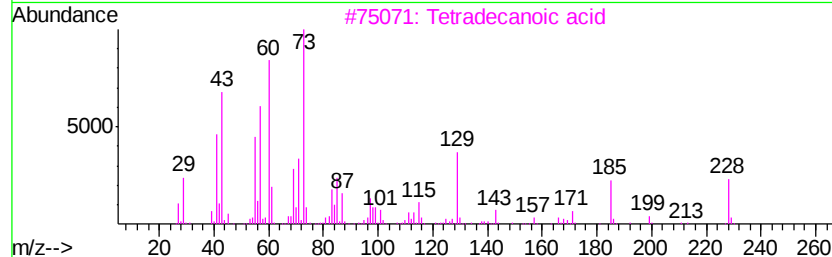
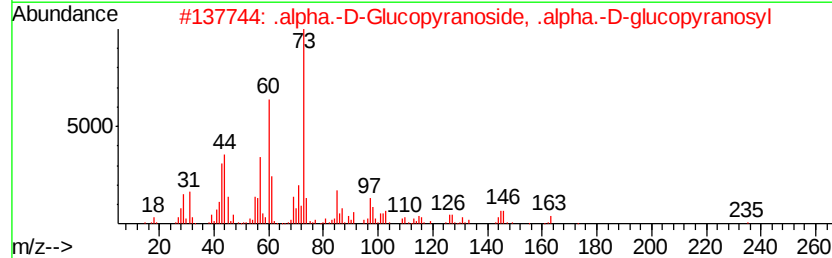
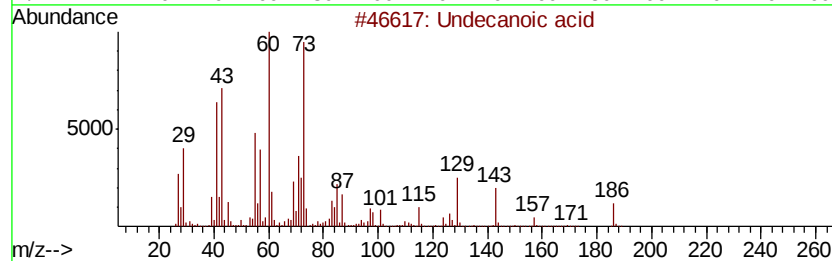
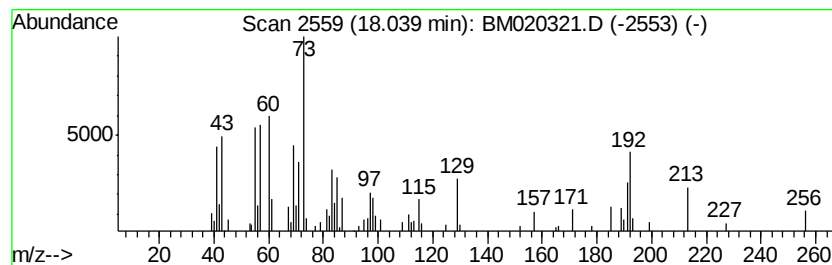
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Peak Number 3 unknown18.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.04	4.81 ng	136929	Phenanthrene-d10		17.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	38
2	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	35
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
4	Dodecanoic acid	200	C12H24O2	000143-07-7	32
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	30



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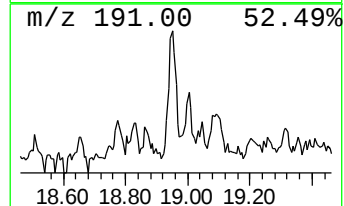
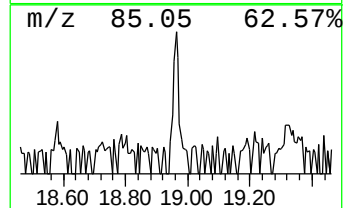
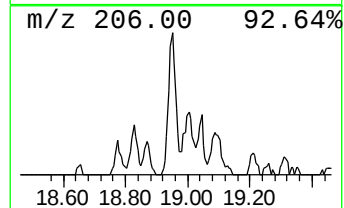
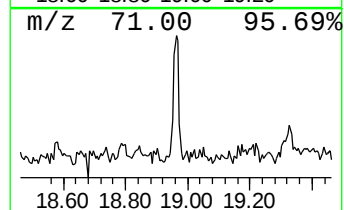
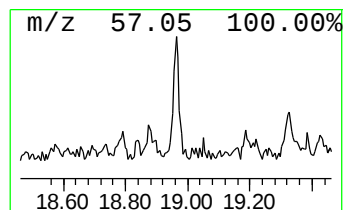
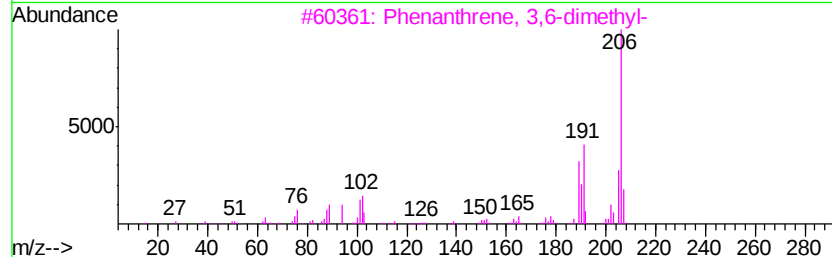
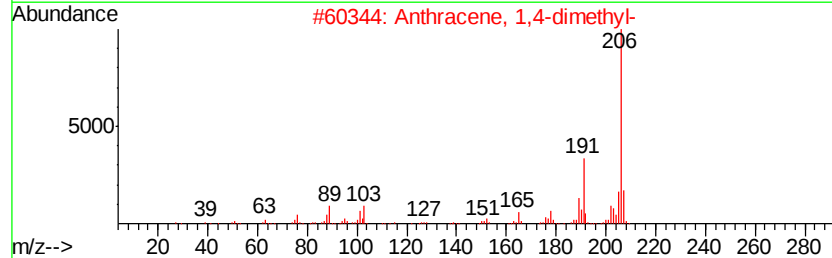
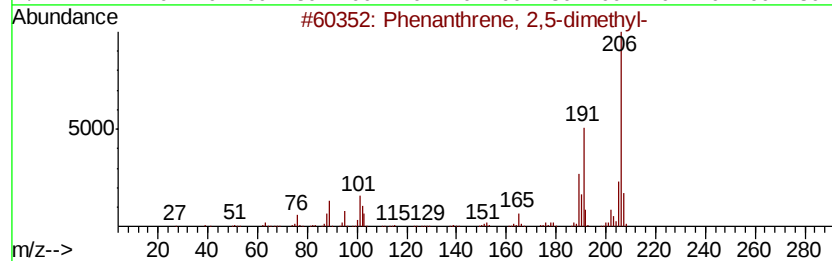
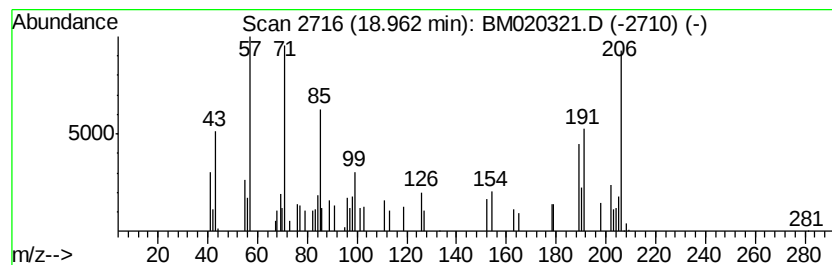
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.96	2.39 ng	68003	Phenanthrene-d10		17.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	60
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60



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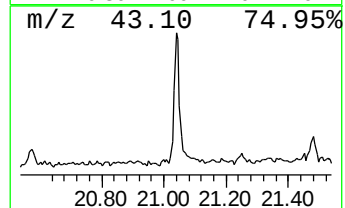
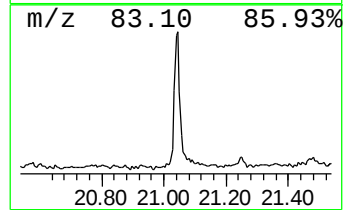
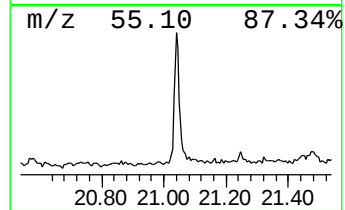
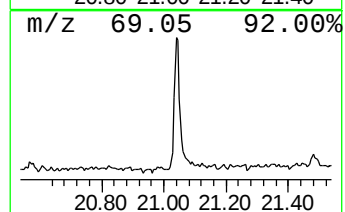
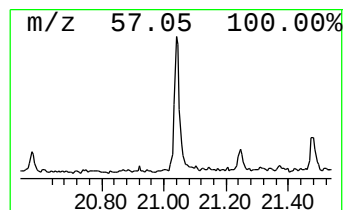
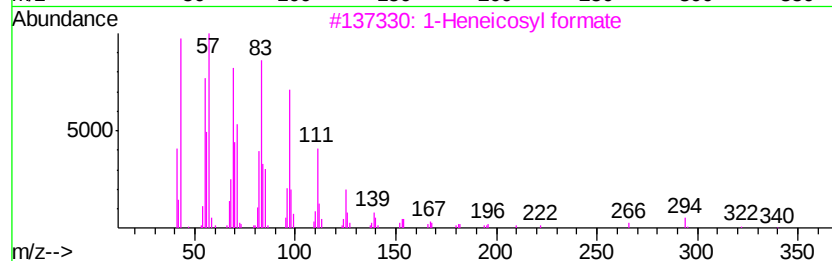
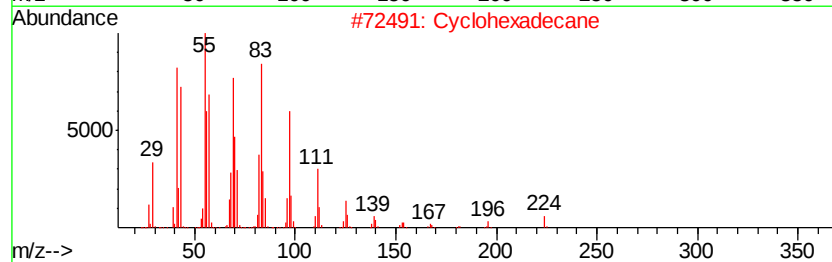
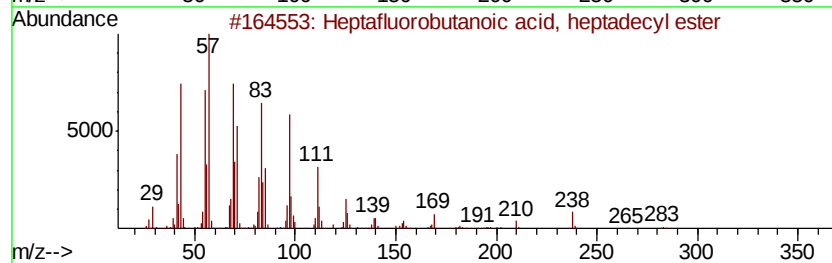
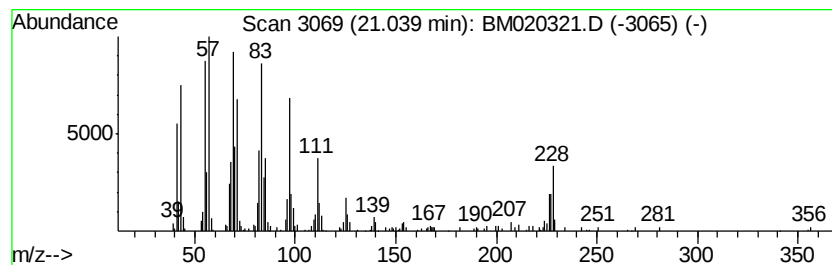
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Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	6.97 ng	337802	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Cyclohexadecane	224	C16H32	000295-65-8	91
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Z-8-Hexadecene	224	C16H32	1000130-87-5	90
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90



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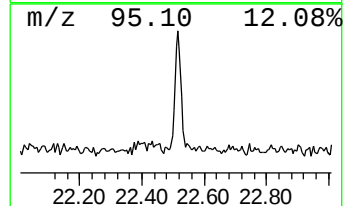
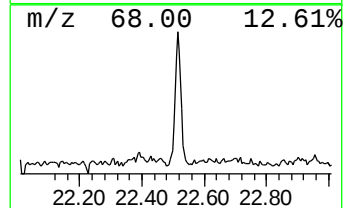
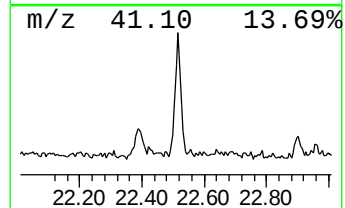
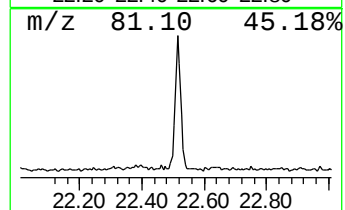
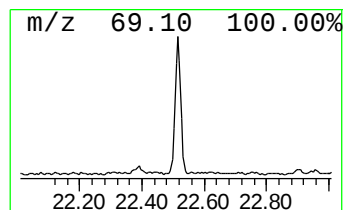
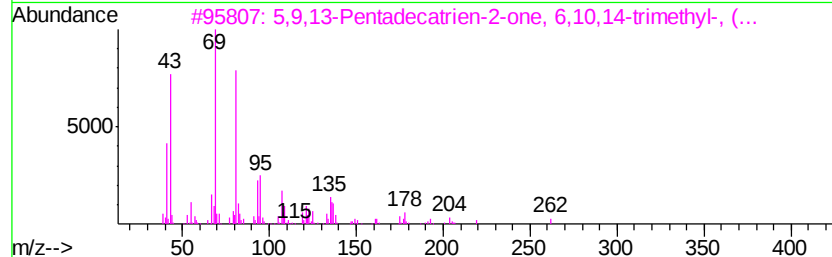
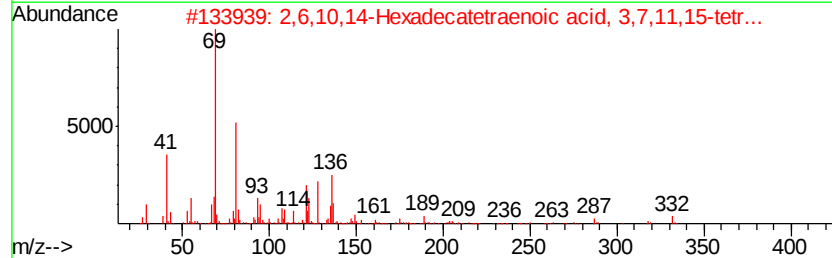
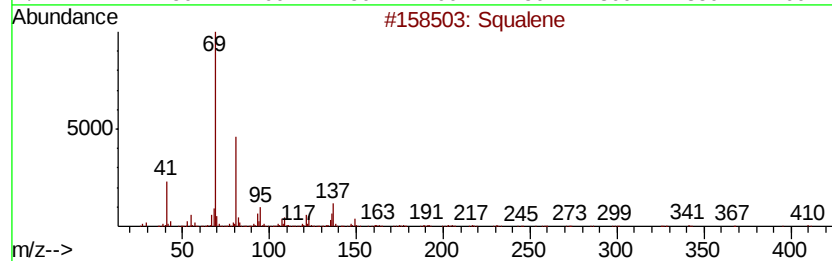
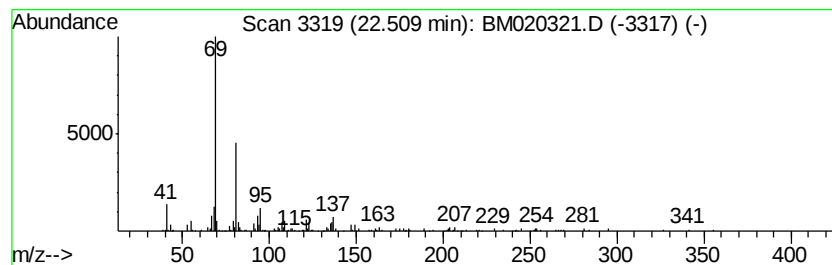
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.51	4.81 ng	179862	Perylene-d12	23.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
3	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	64
4	1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	64
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020321.D
Acq On : 13 May 2019 18:09
Operator : JU/SJ
Sample : K2767-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

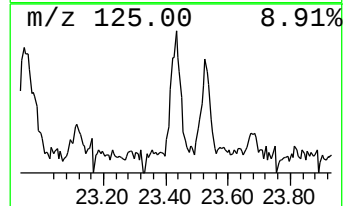
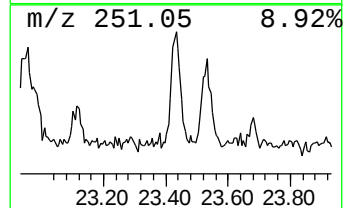
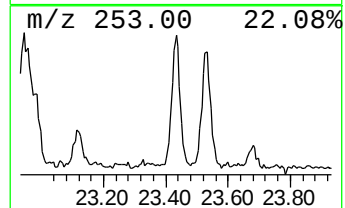
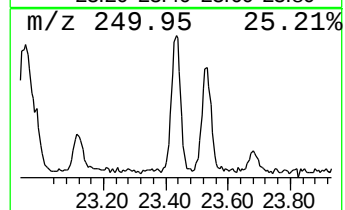
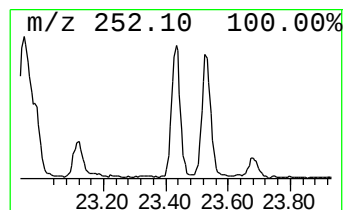
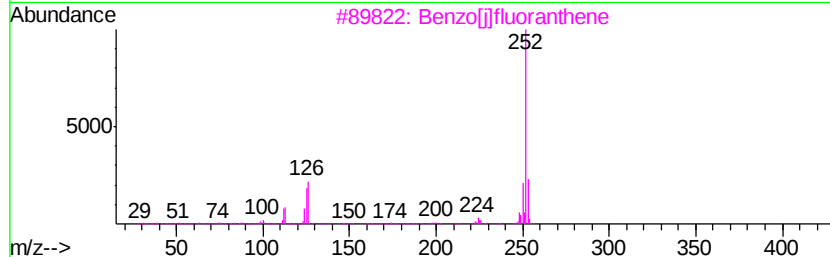
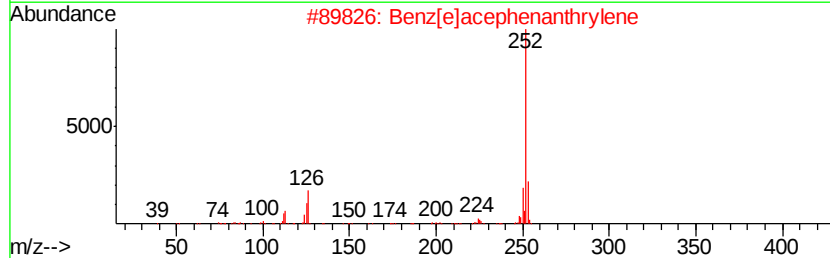
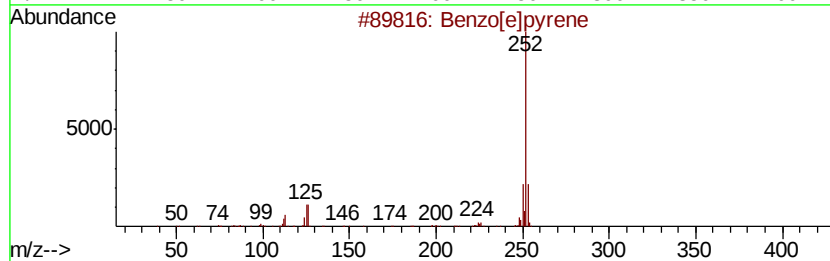
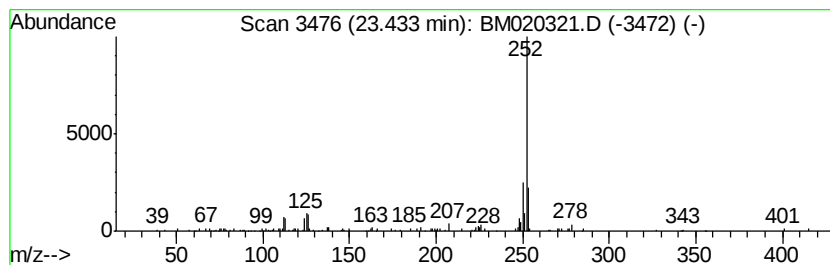
Instrument :
BNA_M
ClientSampleId :
P026-SS012-0612-01

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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	3.46 ng	129375	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	90
2	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	90
3	Benzo[i]fluoranthene	252 C20H12	000205-82-3	89
4	Benzo[k]fluoranthene	252 C20H12	000207-08-9	89
5	Benzo[a]pyrene	252 C20H12	000050-32-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051319\
Data File : BM020321.D
Acq On : 13 May 2019 18:09
Operator : JU/SJ
Sample : K2767-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS012-0612-01

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	101.5	ng	1399690	1	7.76	275868	20.0
unknown18.04	18.04	4.8	ng	136929	4	17.16	568820	20.0
Phenanthrene, 2,5...	18.96	2.4	ng	68003	4	17.16	568820	20.0
Heptafluorobutano...	21.04	7.0	ng	337802	5	21.34	968988	20.0
Squalene	22.51	4.8	ng	179862	6	23.63	747728	20.0
Benzo[e]pyrene	23.43	3.5	ng	129375	6	23.63	747728	20.0