

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020206.D
 Acq On : 08 May 2019 21:59
 Operator : JU/SJ
 Sample : K2729-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-4

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	5.157	365	369	374	rBV3	30328	47806	1.26%	0.103%
2	5.363	398	404	415	rBV	1386385	2091361	54.98%	4.513%
3	6.951	667	674	689	rBV	1353120	2198937	57.81%	4.745%
4	7.316	729	736	744	rBV	1464942	2298888	60.43%	4.961%
5	7.787	808	816	822	rBV	624904	1006714	26.47%	2.172%
6	8.104	862	870	879	rBV	1054860	1722889	45.29%	3.718%
7	8.951	1007	1014	1025	rBV	813777	1369370	36.00%	2.955%
8	10.580	1284	1291	1297	rBV	701421	1196519	31.45%	2.582%
9	10.628	1297	1299	1306	rVB	40957	54479	1.43%	0.118%
10	12.045	1535	1540	1544	rBV3	27797	45315	1.19%	0.098%
11	12.245	1569	1574	1578	rVB	32441	50651	1.33%	0.109%
12	12.463	1606	1611	1619	rVB	33438	57960	1.52%	0.125%
13	13.045	1702	1710	1718	rBV	1630909	2444027	64.25%	5.274%
14	13.186	1728	1734	1739	rBV4	37946	69492	1.83%	0.150%
15	13.745	1823	1829	1835	rBV2	39544	78310	2.06%	0.169%
16	13.798	1835	1838	1842	rBV4	27433	45909	1.21%	0.099%
17	13.886	1847	1853	1858	rVV	171478	239780	6.30%	0.517%
18	14.157	1893	1899	1904	rBV	68716	127769	3.36%	0.276%
19	14.245	1908	1914	1920	rVB6	25344	46461	1.22%	0.100%
20	14.433	1939	1946	1952	rVV2	952962	1530881	40.24%	3.304%
21	14.492	1952	1956	1965	rVB	139729	221202	5.82%	0.477%
22	14.639	1977	1981	1989	rVB8	19029	45462	1.20%	0.098%
23	14.745	1991	1999	2003	rBV7	24684	59156	1.56%	0.128%
24	14.827	2008	2013	2022	rVB	103220	172787	4.54%	0.373%
25	15.039	2045	2049	2056	rBV7	25332	50981	1.34%	0.110%
26	15.204	2072	2077	2082	rBV8	32312	70804	1.86%	0.153%
27	15.480	2118	2124	2128	rBV	140678	214019	5.63%	0.462%
28	15.774	2168	2174	2179	rVB3	47897	92025	2.42%	0.199%
29	15.921	2193	2199	2207	rBV	1570532	2234324	58.74%	4.822%
30	16.145	2230	2237	2243	rBV5	65044	134003	3.52%	0.289%
31	16.457	2283	2290	2291	rBV7	38515	58753	1.54%	0.127%
32	16.480	2292	2294	2299	rVV5	43844	56044	1.47%	0.121%
33	16.745	2337	2339	2343	rVB5	29863	39097	1.03%	0.084%
34	16.833	2350	2354	2361	rVB	58737	86350	2.27%	0.186%

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Sampling : 1
Start Thrs: 0.2
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	16.921	2363	2369	2373	rBV5	42615	96984	2.55%	0.209%
36	16.998	2379	2382	2389	rVB	88382	136154	3.58%	0.294%
37	17.180	2407	2413	2416	rBV	1347851	1883501	49.51%	4.064%
38	17.221	2416	2420	2426	rVV	1471801	2081824	54.73%	4.492%
39	17.309	2430	2435	2441	rVV	353458	500280	13.15%	1.080%
40	17.556	2473	2477	2478	rBV4	41187	56067	1.47%	0.121%
41	17.586	2479	2482	2489	rVB	97648	151637	3.99%	0.327%
42	17.698	2497	2501	2506	rBV2	44974	63195	1.66%	0.136%
43	18.056	2557	2562	2566	rBV2	386769	596292	15.68%	1.287%
44	18.098	2566	2569	2575	rVV	233677	351664	9.24%	0.759%
45	18.180	2579	2583	2589	rVV2	103591	163908	4.31%	0.354%
46	18.251	2589	2595	2599	rVV2	244267	462939	12.17%	0.999%
47	18.286	2599	2601	2607	rVB	115992	138140	3.63%	0.298%
48	18.556	2643	2647	2651	rBV	153086	201367	5.29%	0.435%
49	18.603	2651	2655	2659	rVV	99190	139278	3.66%	0.301%
50	18.792	2685	2687	2694	rVB6	69906	104084	2.74%	0.225%
51	18.980	2714	2719	2724	rBV4	108076	260877	6.86%	0.563%
52	19.239	2758	2763	2768	rBV	2087393	2660096	69.93%	5.740%
53	19.339	2777	2780	2783	rBV4	73599	92428	2.43%	0.199%
54	19.568	2815	2819	2821	rBV	364341	501984	13.20%	1.083%
55	19.603	2821	2825	2833	rVB	1880644	2638550	69.36%	5.694%
56	19.803	2854	2859	2864	rVB	2728699	3235482	85.06%	6.982%
57	21.062	3070	3073	3076	rVB3	308696	297338	7.82%	0.642%
58	21.362	3118	3124	3128	rBV2	2041513	3803934	100.00%	8.209%
59	21.397	3128	3130	3136	rVB	878310	1136421	29.87%	2.452%
60	22.539	3321	3324	3331	rVB	914456	1193441	31.37%	2.575%
61	23.556	3494	3497	3505	rVB	737221	1228080	32.28%	2.650%
62	23.662	3510	3515	3521	rVV	1049436	1906207	50.11%	4.113%

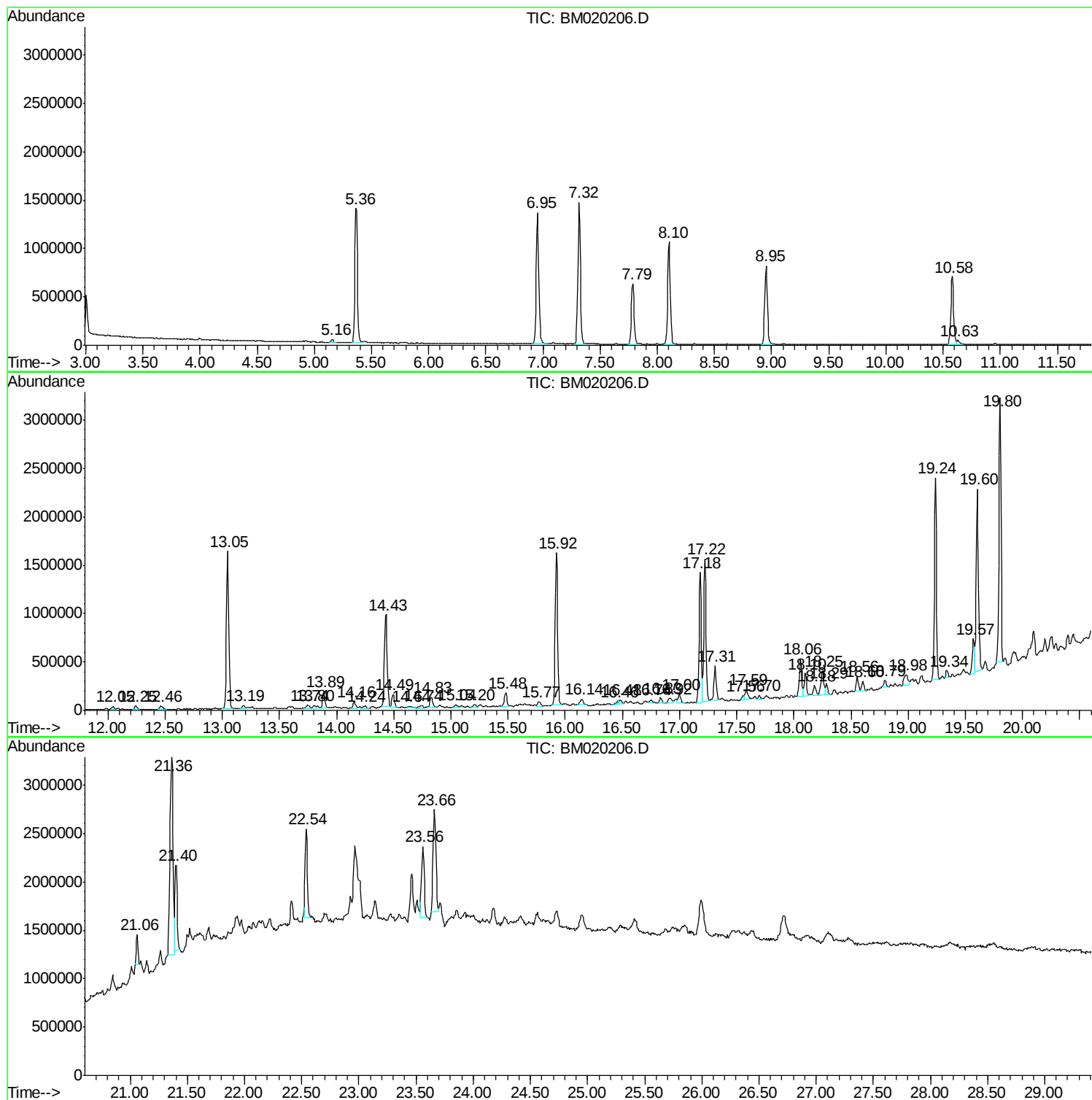
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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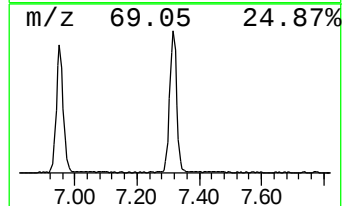
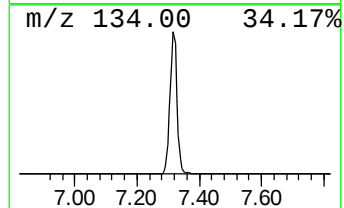
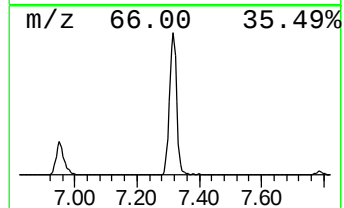
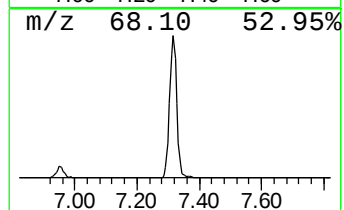
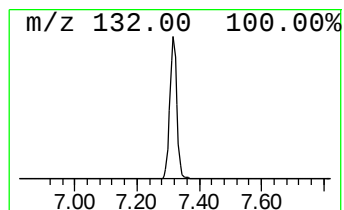
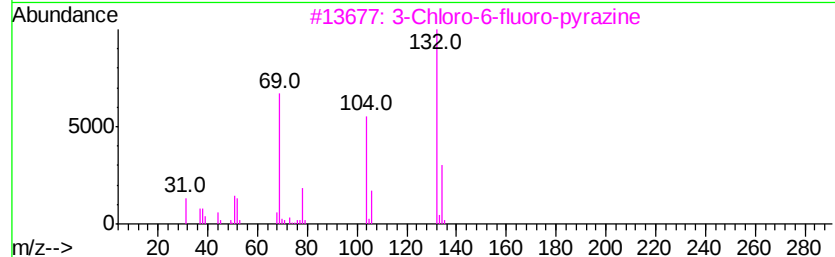
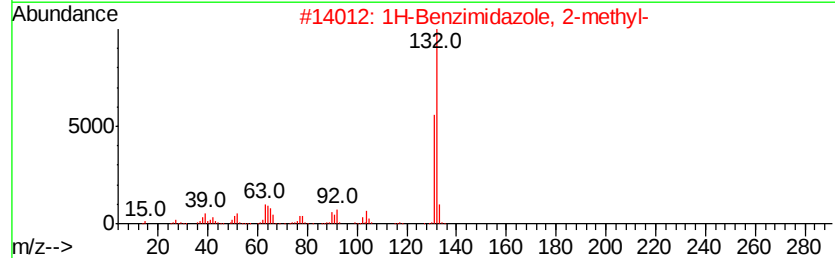
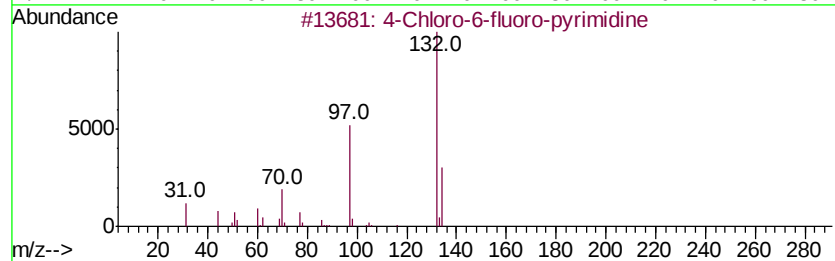
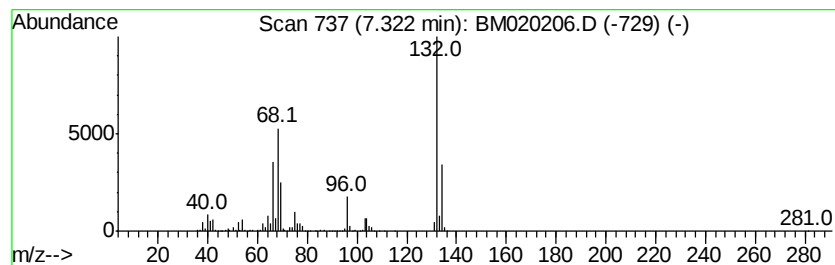
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	45.67 ng	2298890	1,4-Dichlorobenzene-d4	7.79

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		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	10



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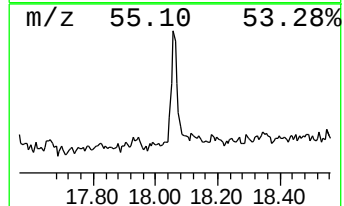
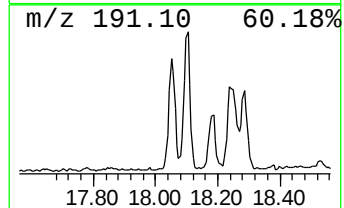
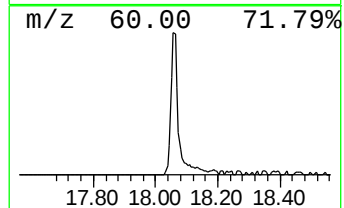
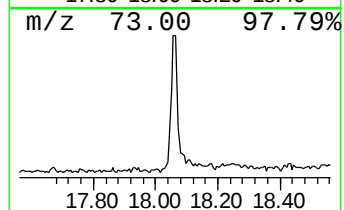
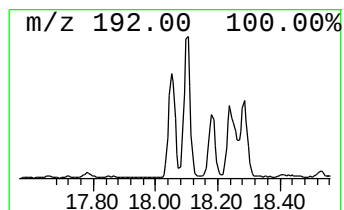
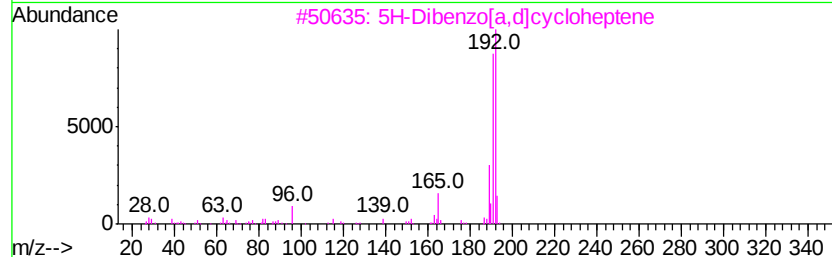
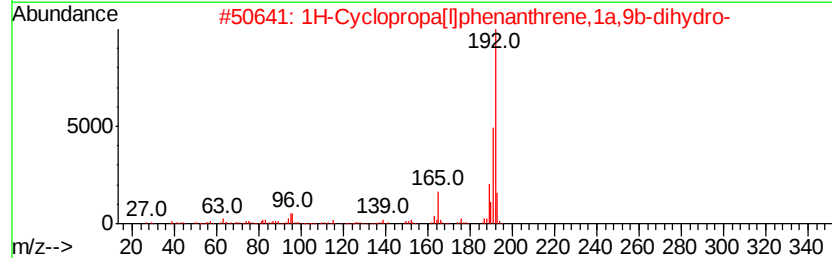
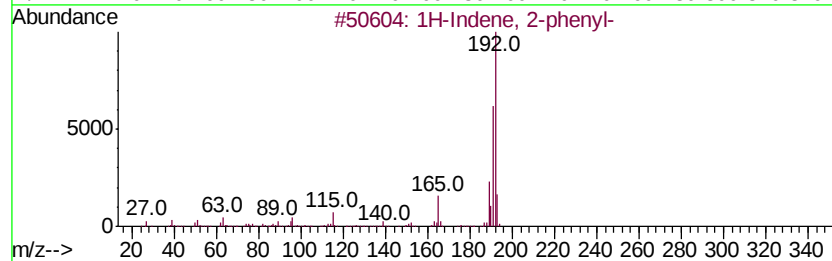
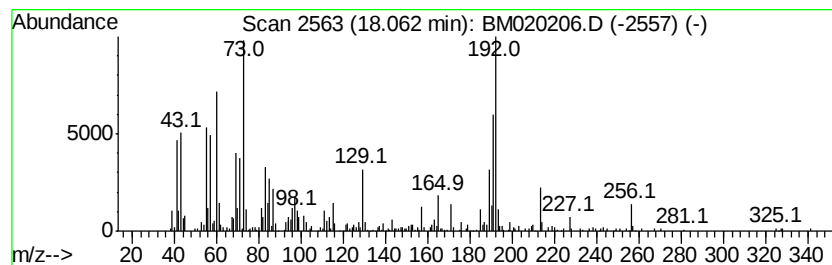
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.06	6.33 ng	596292	Phenanthrene-d10	17.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64



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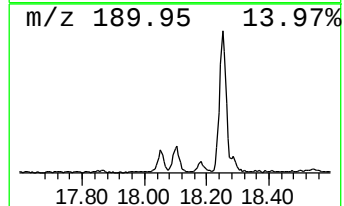
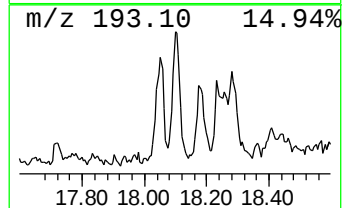
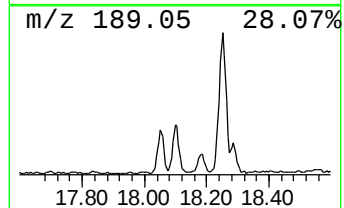
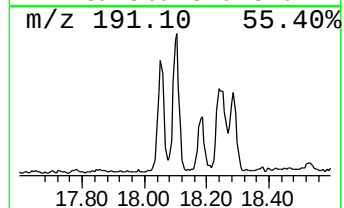
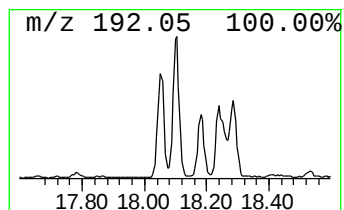
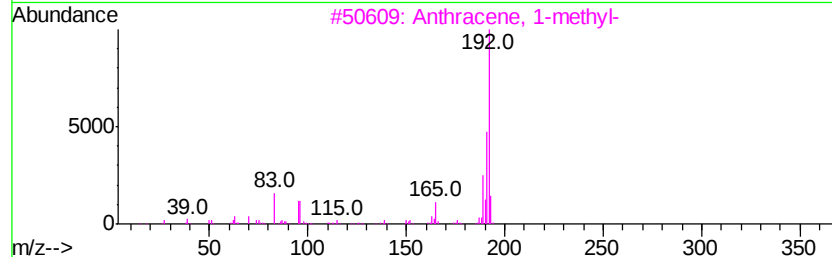
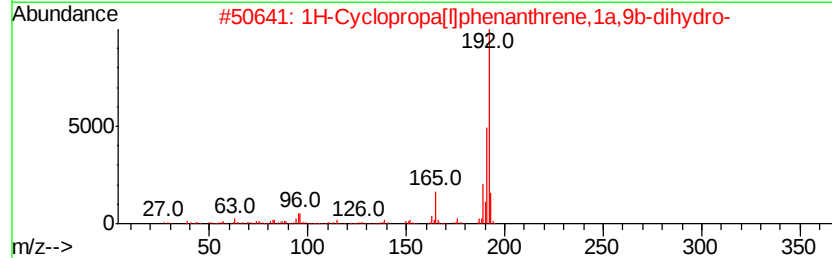
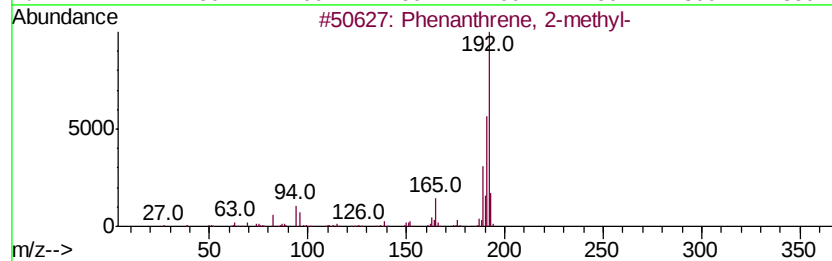
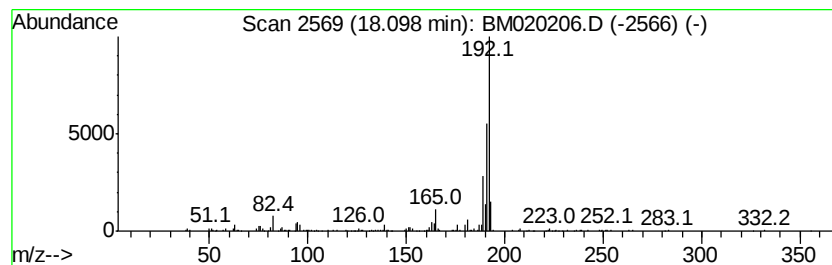
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.10	3.73 ng	351664	Phenanthrene-d10	17.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



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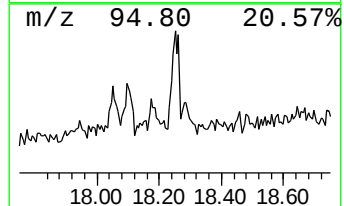
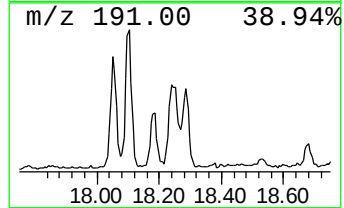
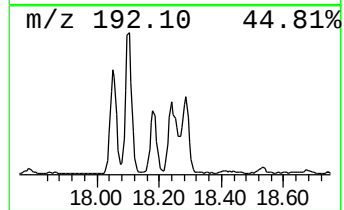
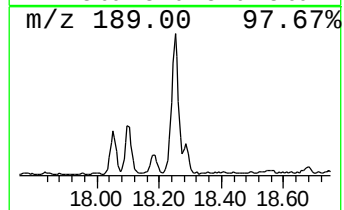
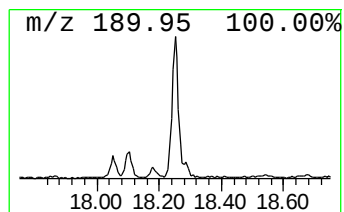
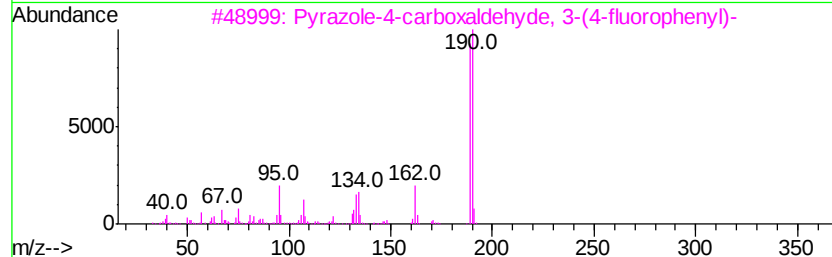
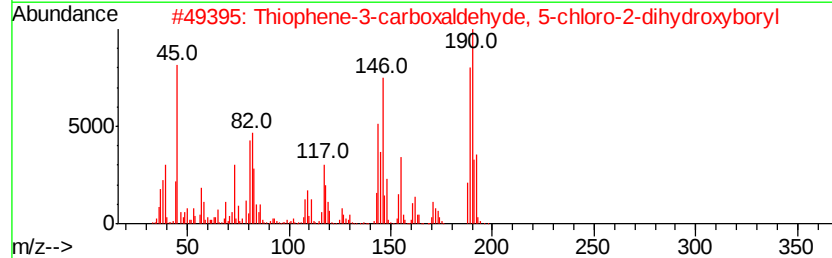
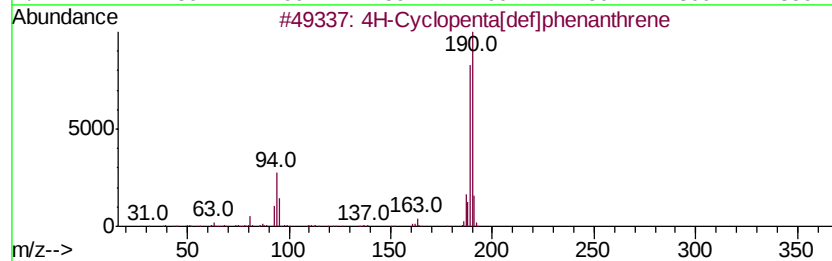
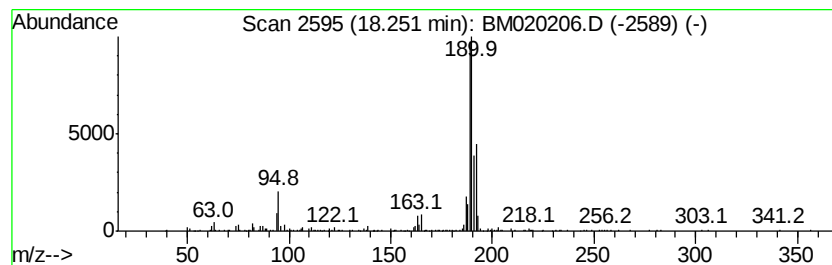
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Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.25	4.92 ng	462939	Phenanthrene-d10	17.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	53
3	Pyrazole-4-carboxaldehyde, 3-(4-fluorophenyl)-	190	C10H7FN2O	306936-57-2	49
4	1,4-Naphthalenedione, 2,5-dihydroxy-	190	C10H6O4	004923-55-1	38
5	3H-Indazole-3-carbonitrile, 3-(4-fluorophenyl)-	253	C14H8ClN3	056630-97-8	23



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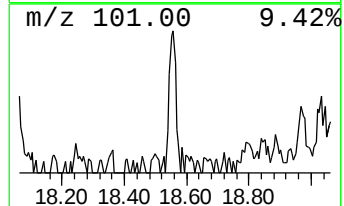
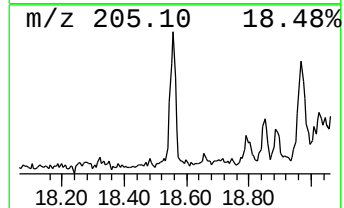
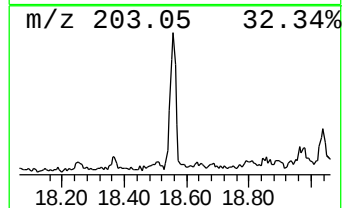
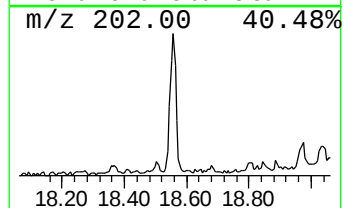
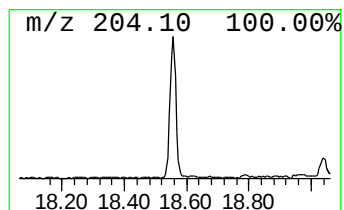
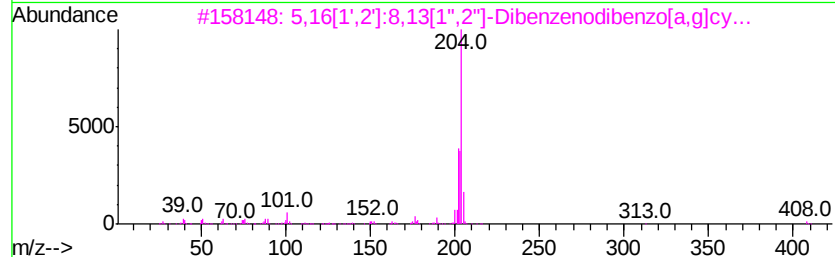
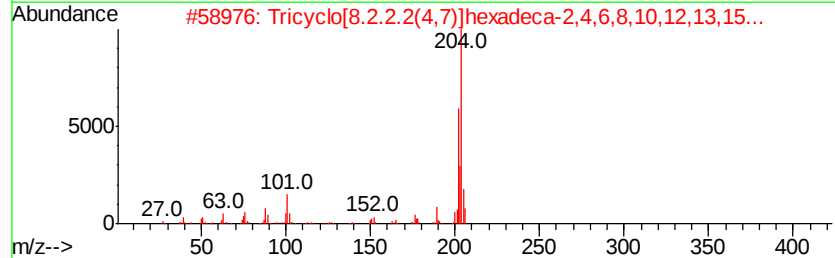
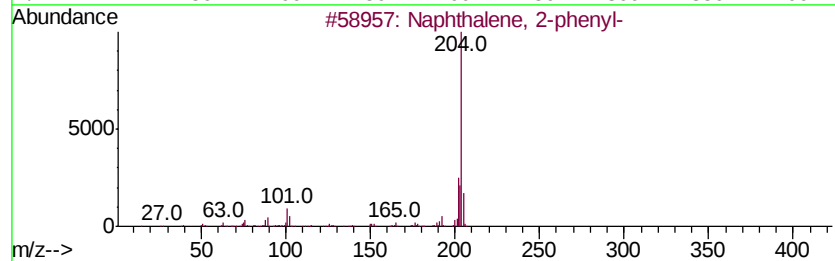
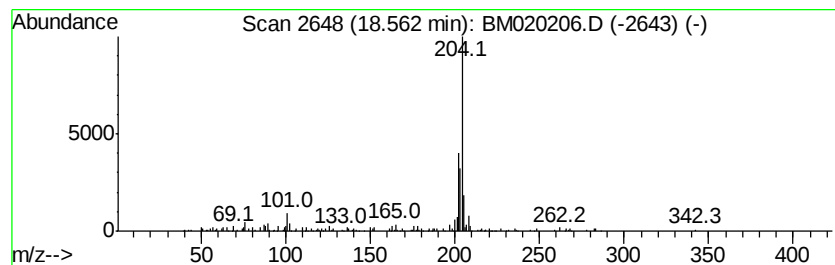
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.14 ng	201367	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	68
5		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020206.D
Acq On : 08 May 2019 21:59
Operator : JU/SJ
Sample : K2729-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-4

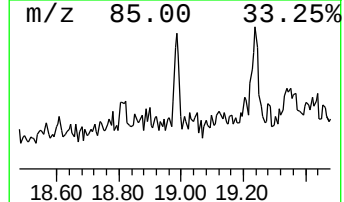
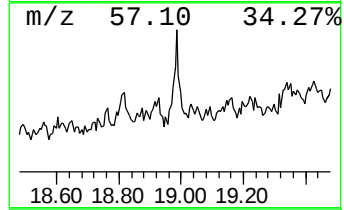
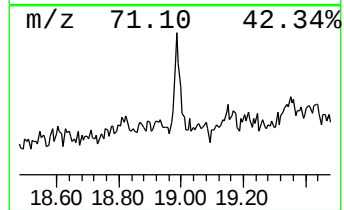
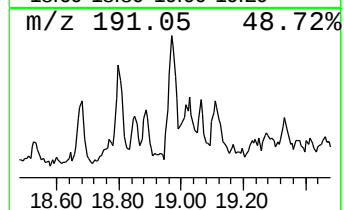
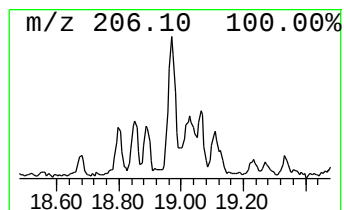
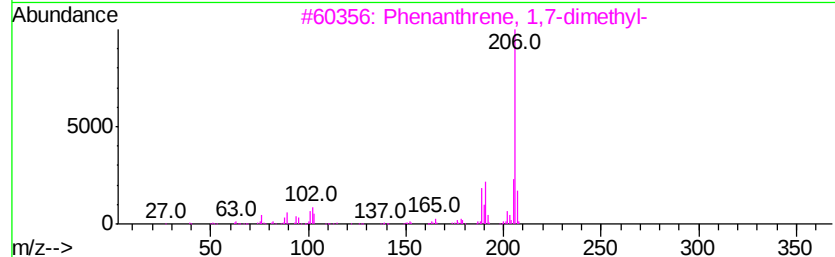
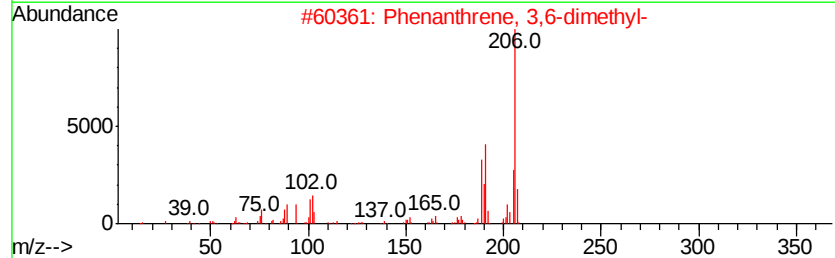
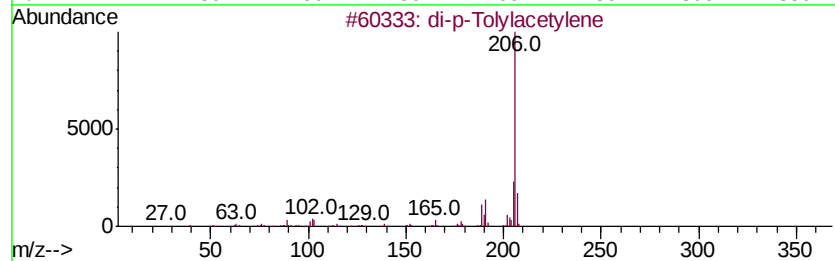
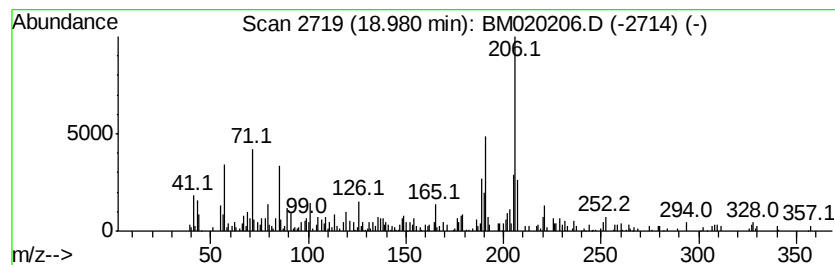
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	2.77 ng	260877	Phenanthrene-d10	17.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		di-p-Tolylacetylene	206	C16H14	002789-88-0	78
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
4		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	60
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020206.D
Acq On : 08 May 2019 21:59
Operator : JU/SJ
Sample : K2729-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

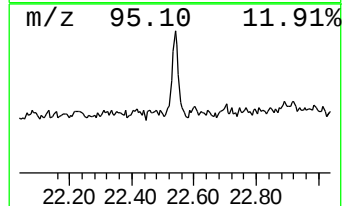
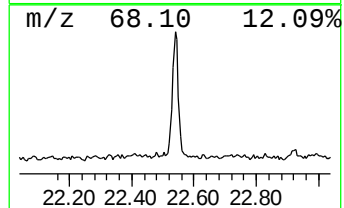
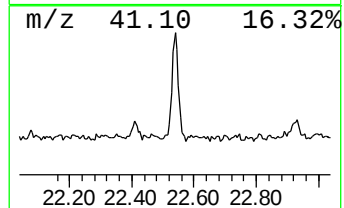
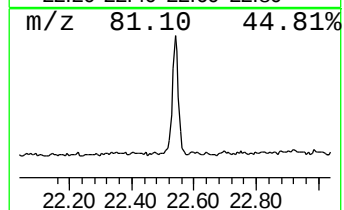
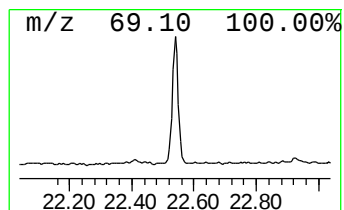
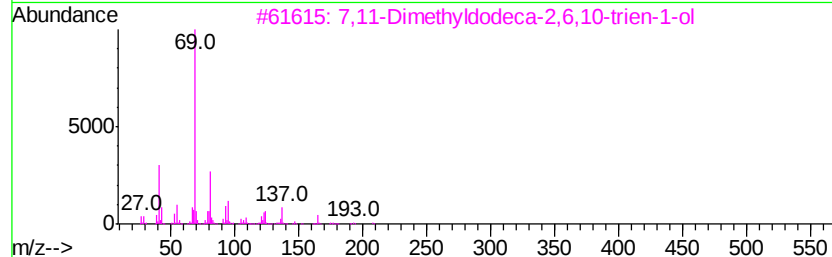
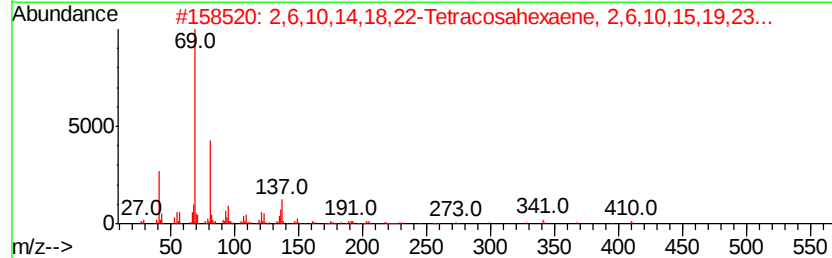
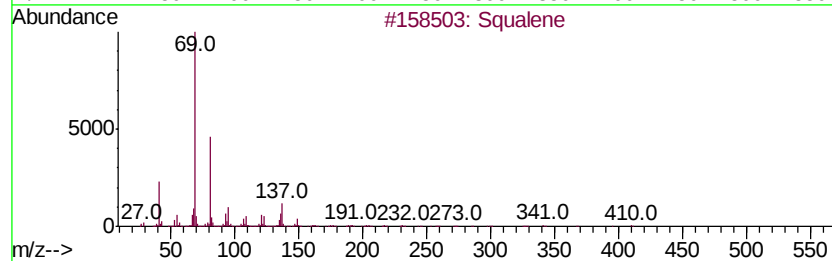
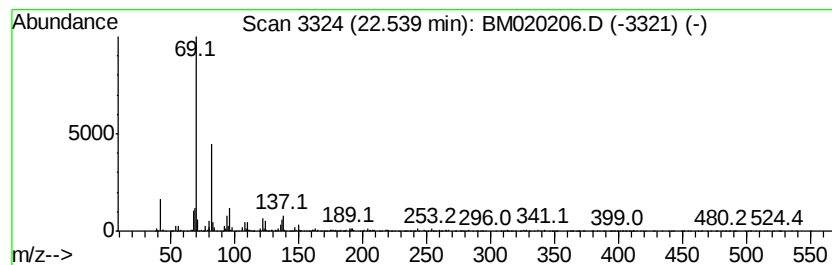
Instrument :
BNA_M
ClientSampleId :
B-4

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 9 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	12.52 ng	1193440	Perylene-d12	23.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 86
3	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H240	125529-10-4 80
4	2,6,10,14-Hexadecatetraenoic aci...		332 C22H3602	024035-35-6 78
5	1,5,9-Undecatriene, 2,6,10-trime...		192 C14H24	062951-96-6 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050819\
Data File : BM020206.D
Acq On : 08 May 2019 21:59
Operator : JU/SJ
Sample : K2729-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-4

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
unknown7.32	7.32	45.7	ng	2298890	1	7.79	1006710	20.0
1H-Indene, 2-phenyl-	18.06	6.3	ng	596292	4	17.18	1883500	20.0
Phenanthrene, 2-m...	18.10	3.7	ng	351664	4	17.18	1883500	20.0
4H-Cyclopenta[def...	18.25	4.9	ng	462939	4	17.18	1883500	20.0
Naphthalene, 2-ph...	18.56	2.1	ng	201367	4	17.18	1883500	20.0
di-p-Tolylacetylene	18.98	2.8	ng	260877	4	17.18	1883500	20.0
Squalene	22.54	12.5	ng	1193440	6	23.66	1906210	20.0