

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020136.D
 Acq On : 06 May 2019 15:24
 Operator : JU/SJ
 Sample : K2642-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-050219

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	5.375	399	406	415	rVB	991263	1499605	44.23%	4.761%
2	6.769	638	643	652	rBV5	18215	38461	1.13%	0.122%
3	6.951	665	674	687	rBV	1038751	1687371	49.77%	5.357%
4	7.093	692	698	706	rVB	32013	54857	1.62%	0.174%
5	7.322	730	737	747	rBV	1083022	1724383	50.86%	5.475%
6	7.792	807	817	824	rBV	563391	884842	26.10%	2.809%
7	8.110	863	871	880	rVB	837220	1348163	39.76%	4.280%
8	8.957	1008	1015	1025	rBV	588095	1000778	29.52%	3.178%
9	10.586	1285	1292	1298	rBV	679474	1126044	33.21%	3.575%
10	13.051	1702	1711	1719	rVB	1715661	2424791	71.51%	7.699%
11	13.886	1848	1853	1860	rBV	206581	287451	8.48%	0.913%
12	14.157	1894	1899	1906	rBV	52007	87412	2.58%	0.278%
13	14.433	1940	1946	1953	rBV2	981440	1486199	43.83%	4.719%
14	14.498	1953	1957	1962	rVB	51994	77630	2.29%	0.246%
15	14.827	2010	2013	2018	rVB3	33812	48396	1.43%	0.154%
16	15.480	2119	2124	2129	rBV2	57045	101391	2.99%	0.322%
17	15.921	2193	2199	2207	rBV	1295232	1927821	56.86%	6.121%
18	16.151	2232	2238	2245	rVB6	45360	108706	3.21%	0.345%
19	16.280	2257	2260	2265	rBV6	19324	40259	1.19%	0.128%
20	16.480	2289	2294	2299	rBV9	28925	57264	1.69%	0.182%
21	16.921	2367	2369	2374	rVB2	35799	38355	1.13%	0.122%
22	17.180	2407	2413	2417	rBV2	1309232	1878408	55.40%	5.964%
23	17.221	2417	2420	2428	rVV	535171	730287	21.54%	2.319%
24	17.315	2431	2436	2440	rVV	145125	205767	6.07%	0.653%
25	17.586	2479	2482	2488	rVB	45048	57119	1.68%	0.181%
26	17.662	2492	2495	2498	rBV4	38947	48494	1.43%	0.154%
27	17.839	2523	2525	2530	rVB5	50344	60099	1.77%	0.191%
28	18.062	2558	2563	2567	rBV3	304826	480303	14.17%	1.525%
29	18.104	2567	2570	2575	rVB	137880	191211	5.64%	0.607%
30	18.251	2590	2595	2599	rBV2	167737	308059	9.09%	0.978%
31	18.986	2715	2720	2724	rBV4	250729	447117	13.19%	1.420%
32	19.239	2759	2763	2768	rVB	946965	1236220	36.46%	3.925%
33	19.574	2817	2820	2821	rBV	165021	188128	5.55%	0.597%
34	19.603	2822	2825	2834	rVB	867555	1150260	33.92%	3.652%

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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 >
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35	19.803	2855	2859	2865	rVB	2687288	3390605	100.00%	10.765%
36	21.368	3119	3125	3129	rBV2	1999454	3310113	97.63%	10.510%
37	23.662	3512	3515	3521	rVB2	1069835	1763330	52.01%	5.599%

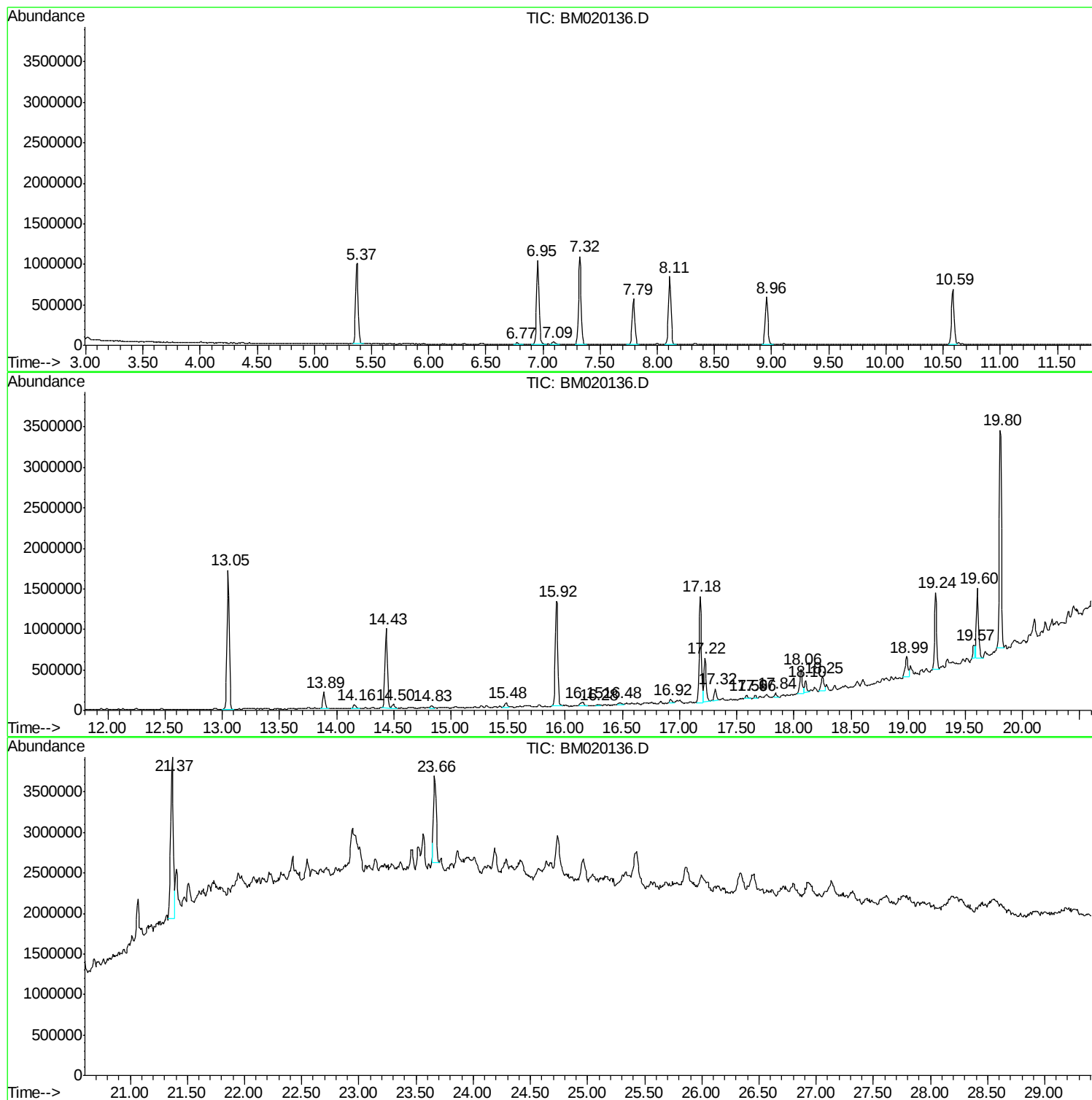
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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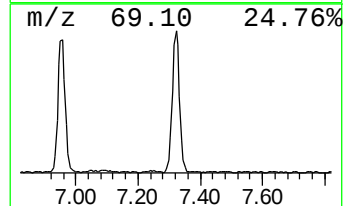
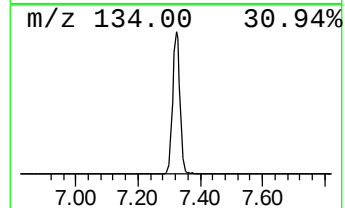
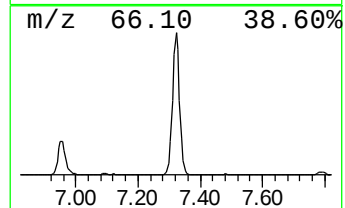
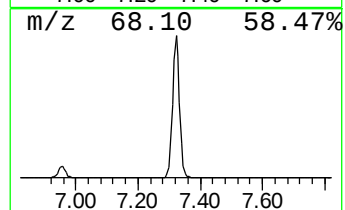
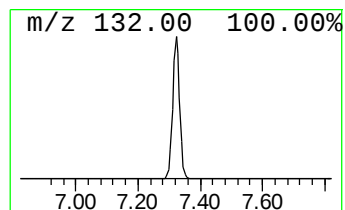
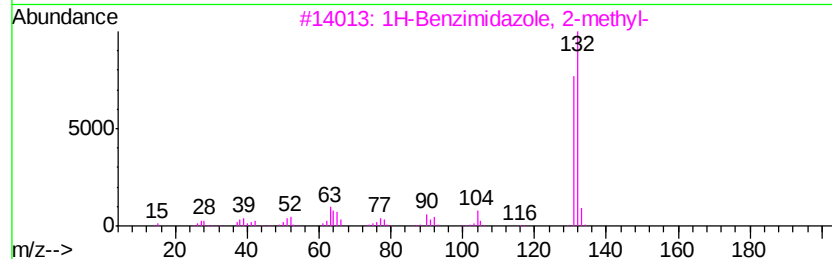
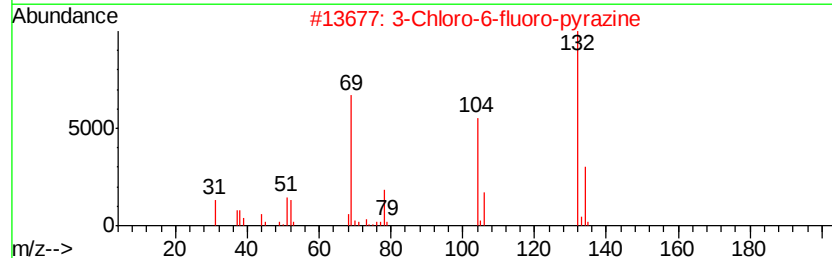
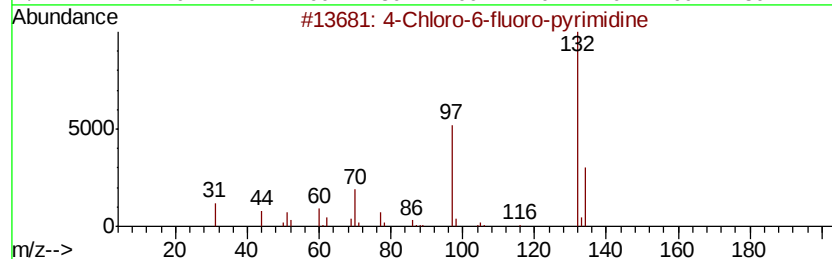
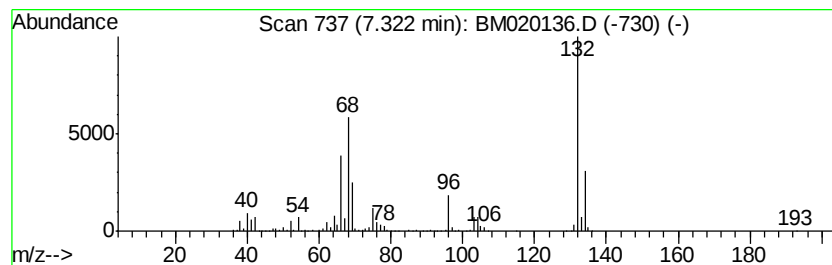
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	38.98 ng	1724380	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	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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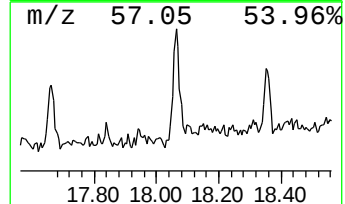
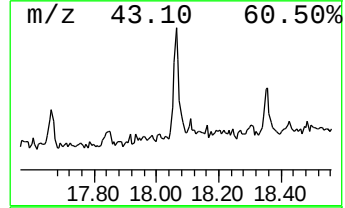
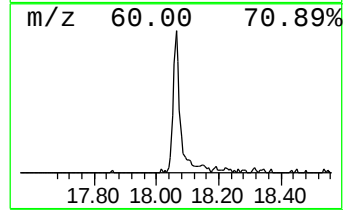
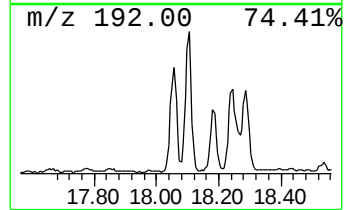
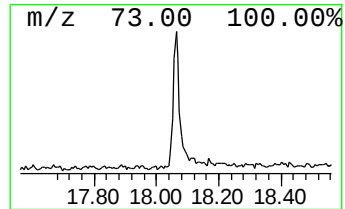
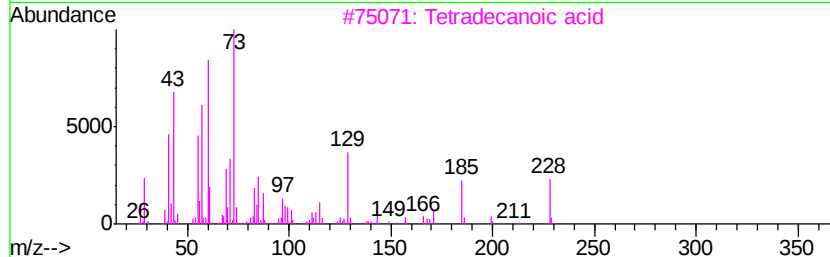
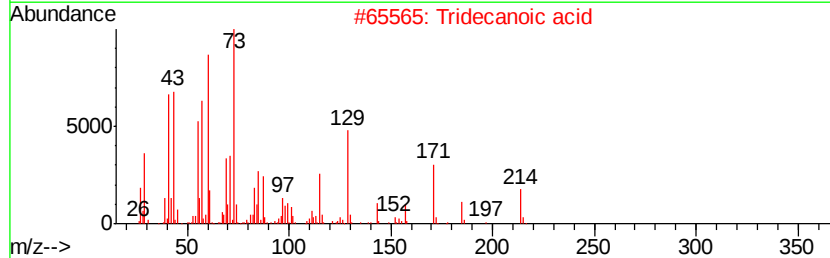
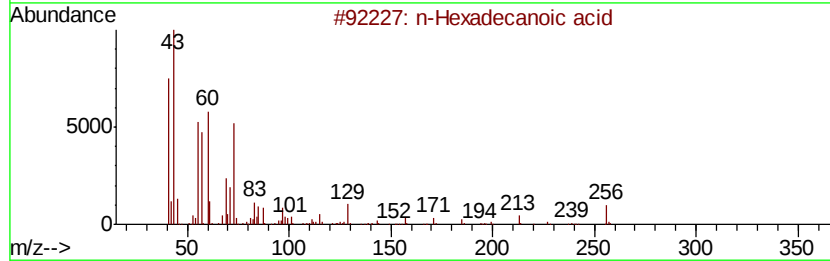
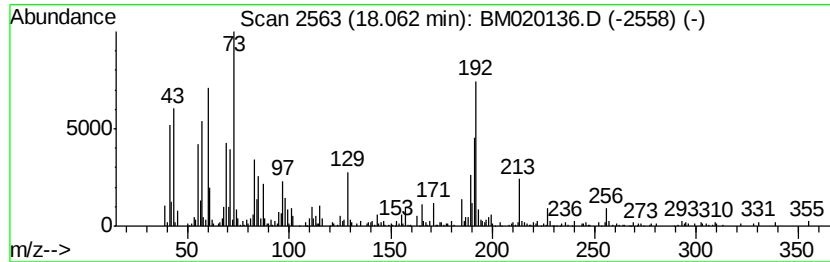
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.06	5.11 ng	480303	Phenanthrene-d10		17.18		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
2			Tridecanoic acid	214	C13H26O2	000638-53-9	55
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	38



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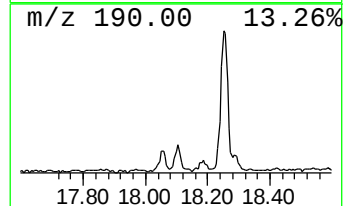
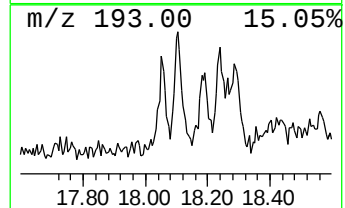
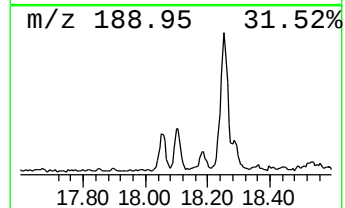
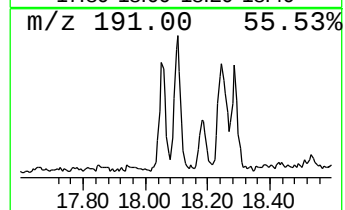
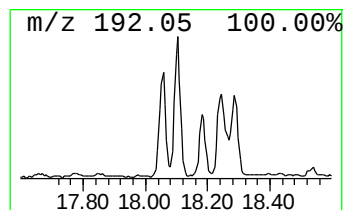
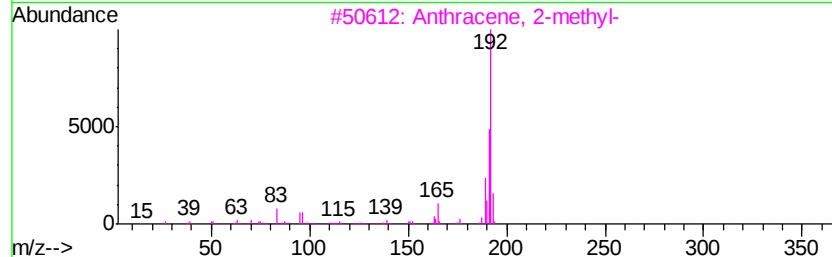
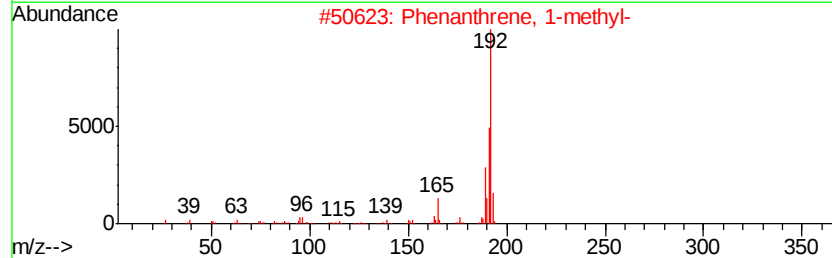
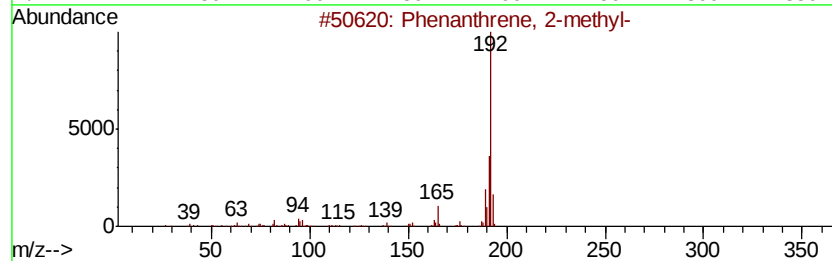
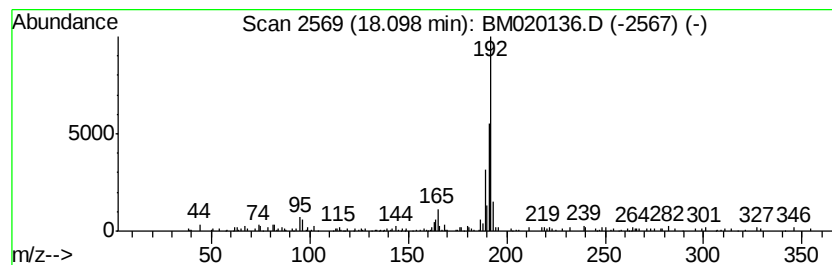
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.10	2.04 ng	191211	Phenanthrene-d10		17.18
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



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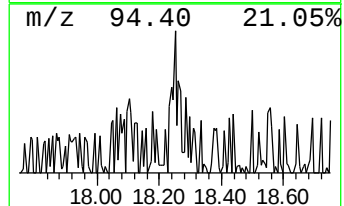
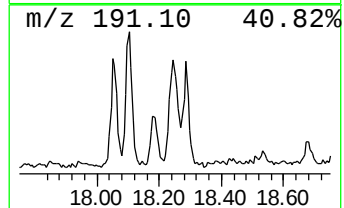
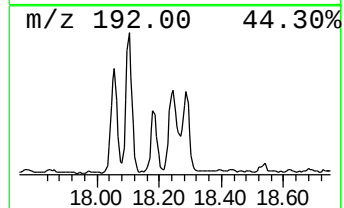
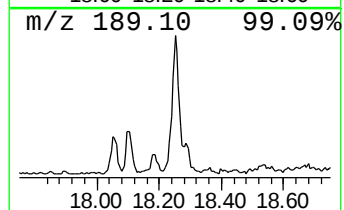
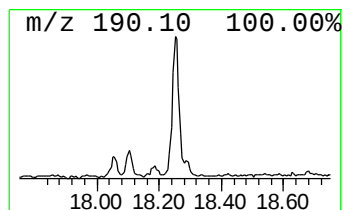
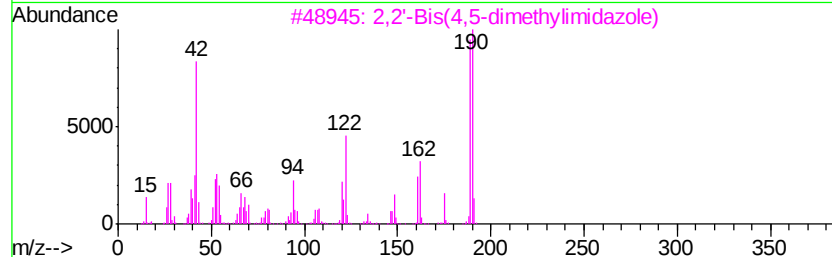
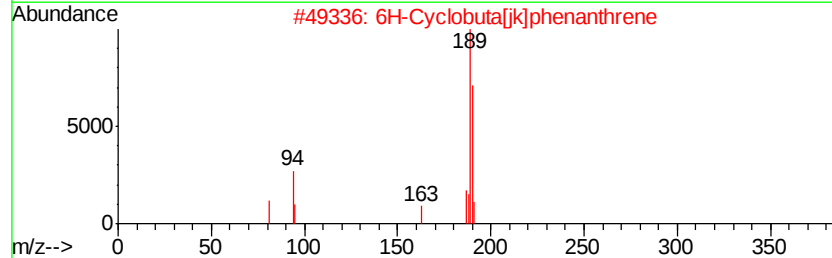
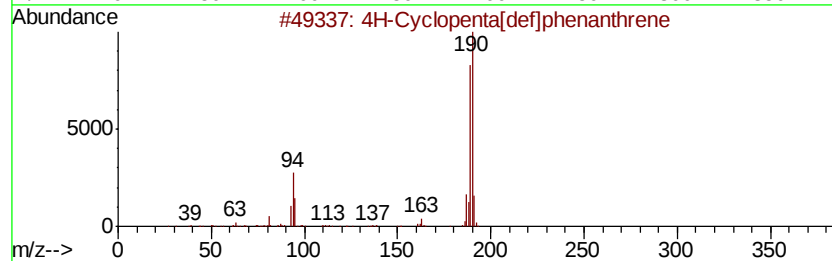
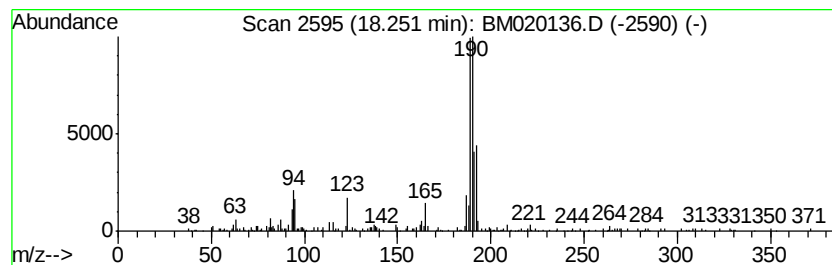
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.25	3.28 ng	308059	Phenanthrene-d10	17.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33



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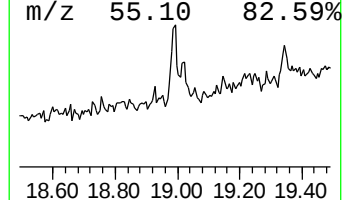
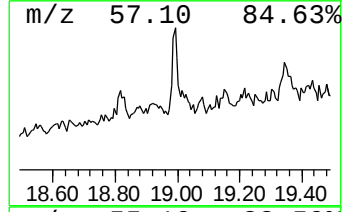
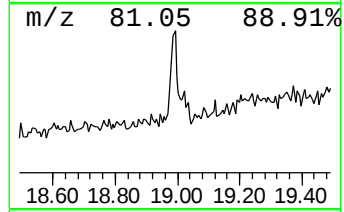
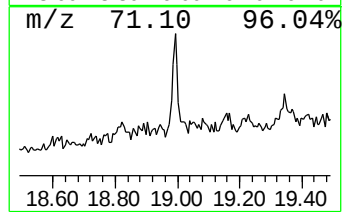
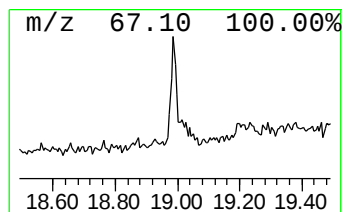
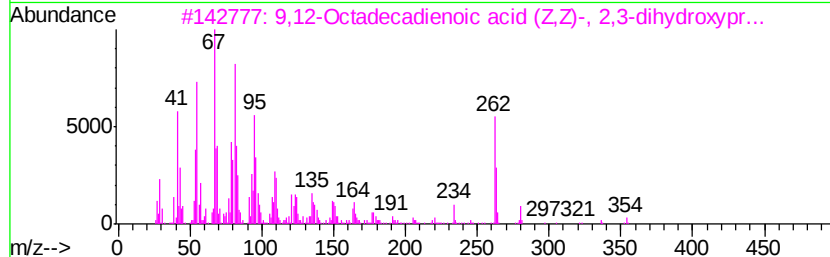
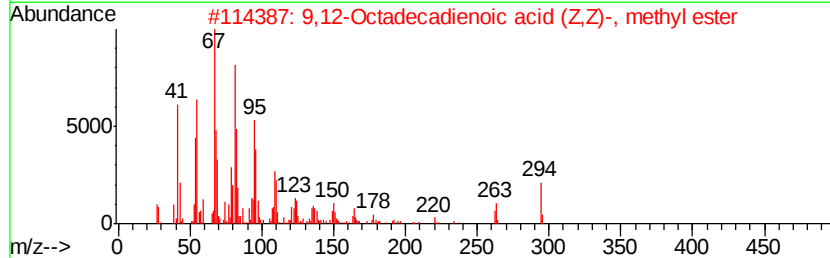
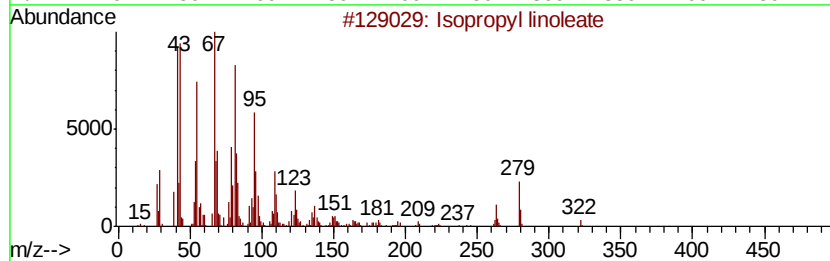
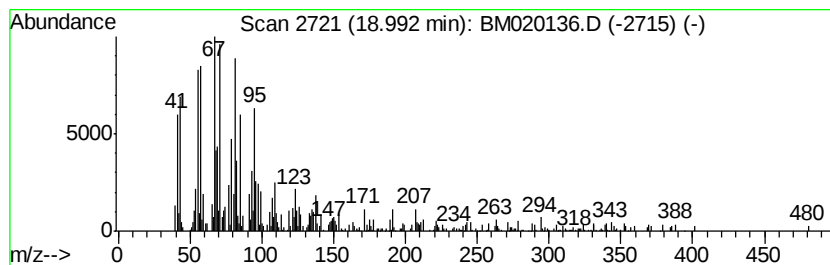
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 Peak Number 6 Isopropyl linoleate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.76 ng	447117	Phenanthrene-d10	17.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropyl linoleate	322	C21H38O2	022882-95-7	74
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	70
3		9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	002277-28-3	55
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	55
5		Linoleic acid ethyl ester	308	C20H36O2	000544-35-4	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020136.D
Acq On : 06 May 2019 15:24
Operator : JU/SJ
Sample : K2642-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-050219

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	39.0	ng	1724380	1	7.79	884842	20.0
n-Hexadecanoic acid	18.06	5.1	ng	480303	4	17.18	1878410	20.0
Phenanthrene, 2-m...	18.10	2.0	ng	191211	4	17.18	1878410	20.0
4H-Cyclopenta[def...	18.25	3.3	ng	308059	4	17.18	1878410	20.0
Isopropyl linoleate	18.99	4.8	ng	447117	4	17.18	1878410	20.0