

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024653.D
 Acq On : 29 Jan 2020 16:53
 Operator : CG/JU
 Sample : L1278-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TONNELE-AVE-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-BM012320.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	5.087	367	374	382	rBV	5432963	7330551	58.87%	7.907%
2	6.646	632	639	652	rBV	4838988	7892933	63.38%	8.514%
3	7.440	768	774	786	rVB	1419751	2166469	17.40%	2.337%
4	7.758	820	828	839	rBV	4694915	7197355	57.80%	7.764%
5	8.581	958	968	979	rBV	3097134	5119617	41.11%	5.523%
6	10.199	1236	1243	1261	rBV	1729050	2876167	23.10%	3.103%
7	12.704	1662	1669	1685	rVB	8480449	12452633	100.00%	13.433%
8	13.022	1716	1723	1728	rVB	148765	239504	1.92%	0.258%
9	13.557	1802	1814	1823	rBV	890947	1282001	10.30%	1.383%
10	14.092	1898	1905	1911	rBV2	2360130	3573006	28.69%	3.854%
11	15.587	2151	2159	2170	rBV	5535410	8143548	65.40%	8.784%
12	16.839	2365	2372	2376	rBV	2386912	3385762	27.19%	3.652%
13	16.881	2376	2379	2385	rVB	662843	887516	7.13%	0.957%
14	16.975	2391	2395	2401	rVB	209177	296491	2.38%	0.320%
15	17.269	2438	2445	2454	rBV4	137325	256462	2.06%	0.277%
16	17.722	2517	2522	2525	rBV	158370	229555	1.84%	0.248%
17	17.786	2525	2533	2538	rVV2	501736	919719	7.39%	0.992%
18	17.845	2539	2543	2548	rVV2	118869	207412	1.67%	0.224%
19	17.910	2549	2554	2558	rVV2	215913	398396	3.20%	0.430%
20	17.951	2558	2561	2564	rVB	116398	149555	1.20%	0.161%
21	18.222	2603	2607	2611	rBV2	143620	212250	1.70%	0.229%
22	18.651	2676	2680	2685	rBV	368286	491477	3.95%	0.530%
23	18.910	2719	2724	2731	rBV	1159841	1532796	12.31%	1.653%
24	19.275	2778	2786	2790	rBV	1014861	1552296	12.47%	1.674%
25	19.316	2790	2793	2796	rVB2	131375	148664	1.19%	0.160%
26	19.498	2819	2824	2833	rVB	9454378	11776261	94.57%	12.703%
27	19.780	2869	2872	2876	rVB	180442	206913	1.66%	0.223%
28	19.857	2882	2885	2887	rBV	169982	179163	1.44%	0.193%
29	20.810	3043	3047	3057	rVB3	937716	1459893	11.72%	1.575%
30	21.051	3082	3088	3092	rBV2	2725562	4136715	33.22%	4.462%
31	21.086	3092	3094	3105	rVB	591087	804259	6.46%	0.868%
32	21.680	3192	3195	3202	rBV4	515933	804289	6.46%	0.868%
33	22.545	3339	3342	3346	rBV	410386	682311	5.48%	0.736%
34	23.168	3443	3448	3459	rVB	2064986	3711854	29.81%	4.004%

LSC Area Percent Report

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ALS Vial : 14 Sample Multiplier: 1

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

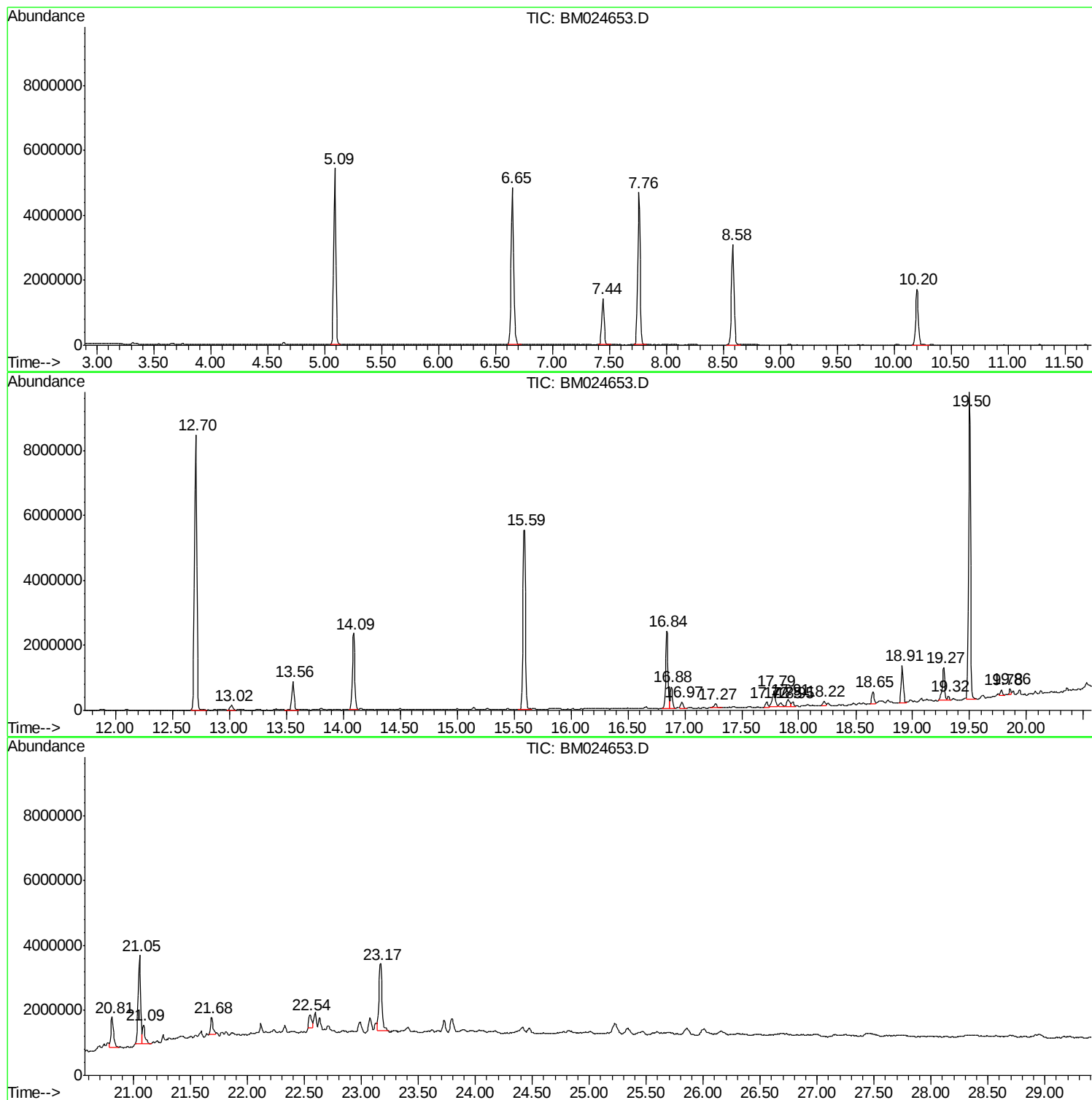
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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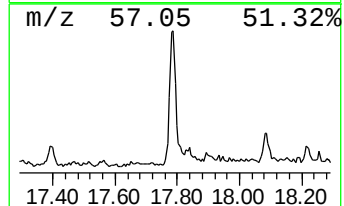
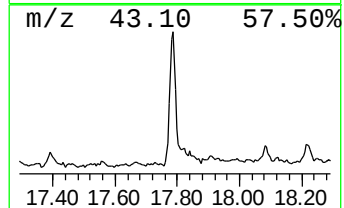
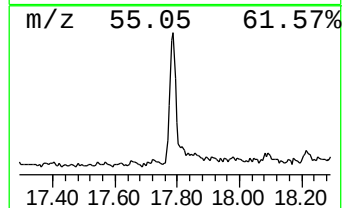
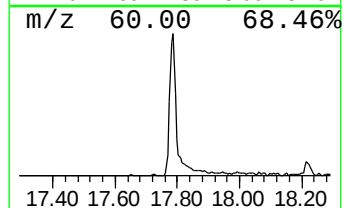
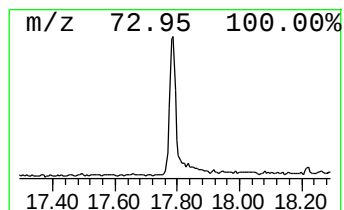
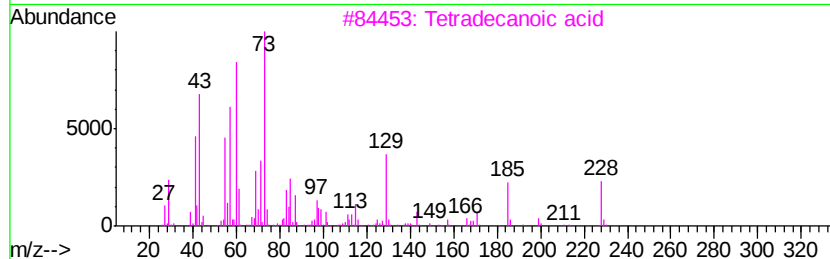
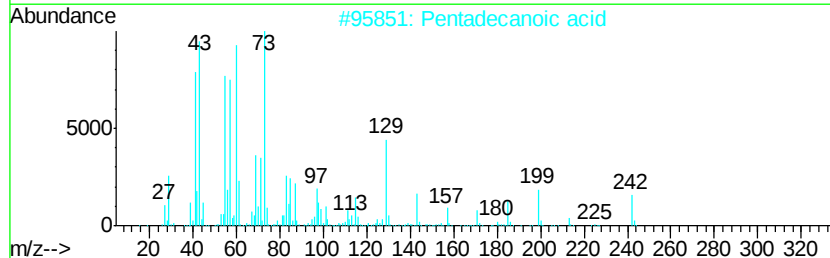
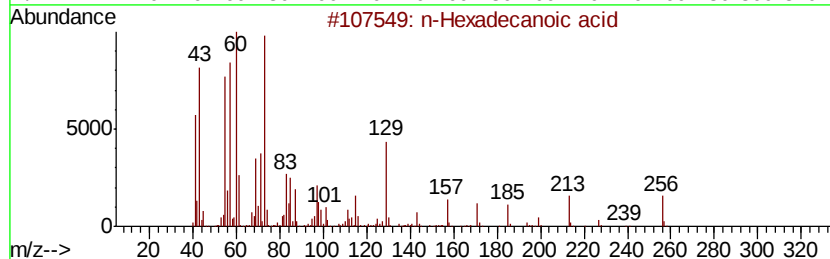
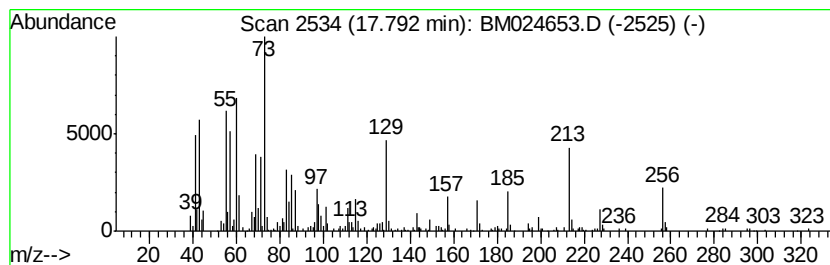
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.43 ng	919719	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Octadecanoic acid	284	C18H36O2	000057-11-4	70



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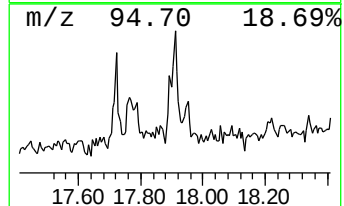
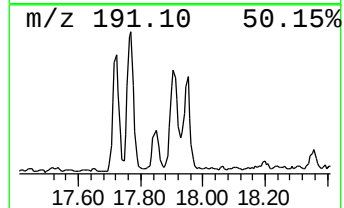
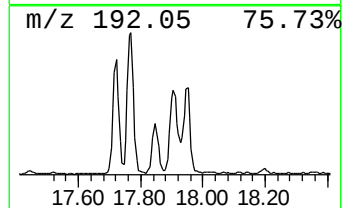
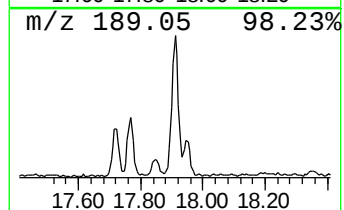
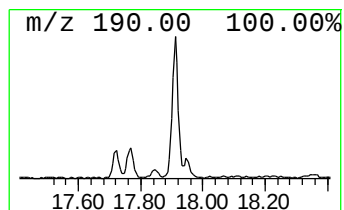
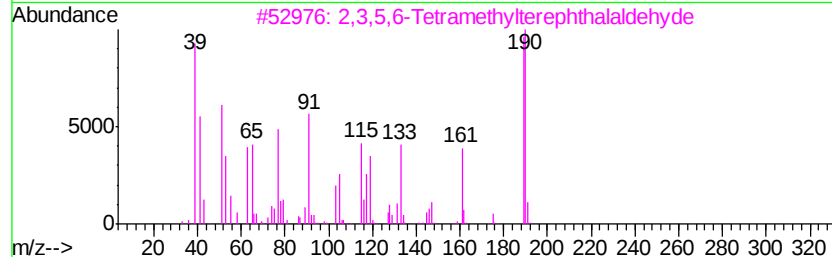
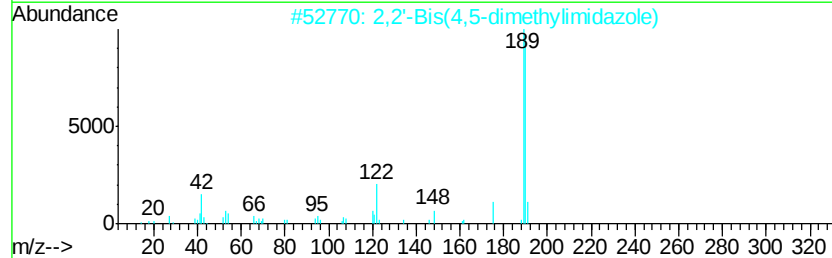
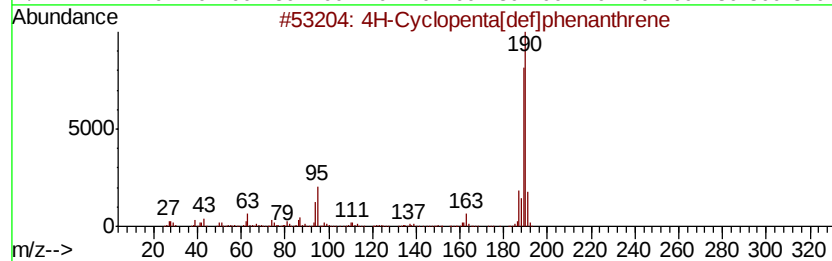
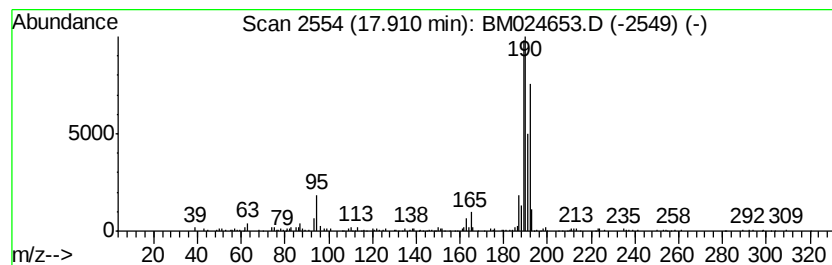
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.91	2.35 ng	398396	Phenanthrene-d10	16.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38



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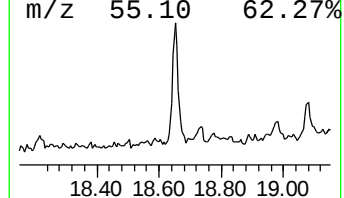
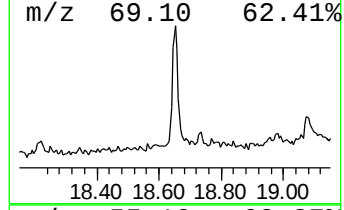
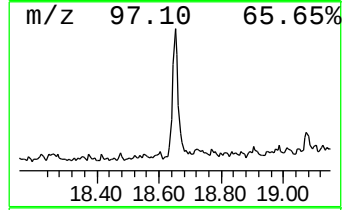
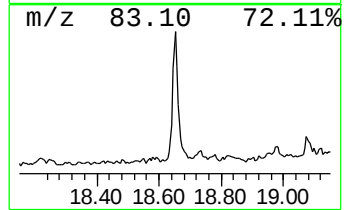
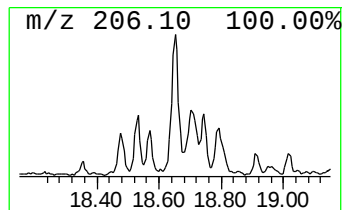
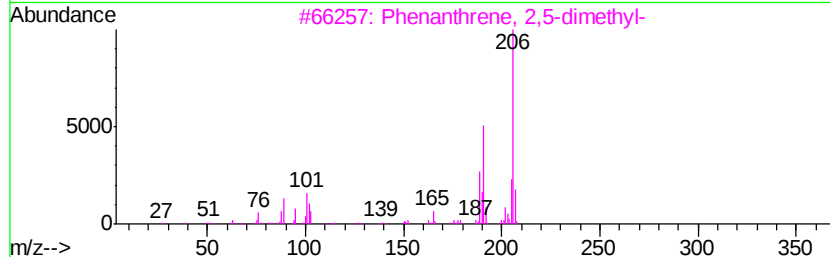
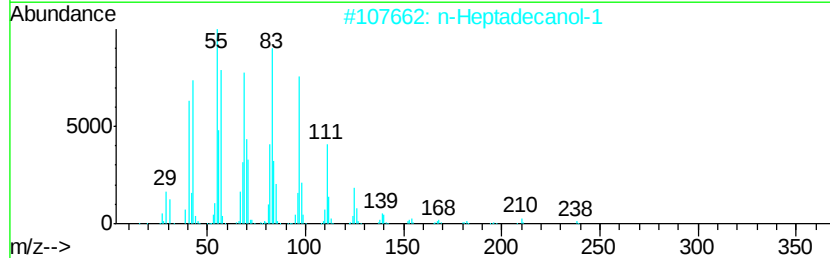
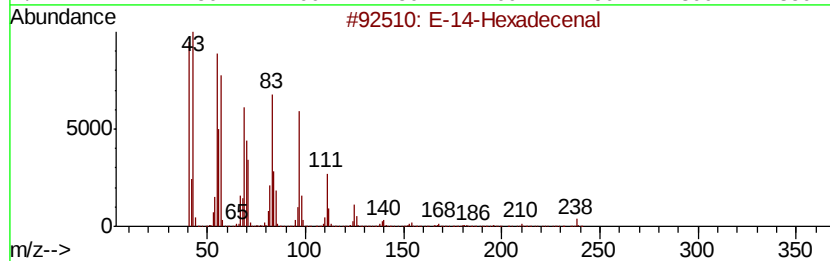
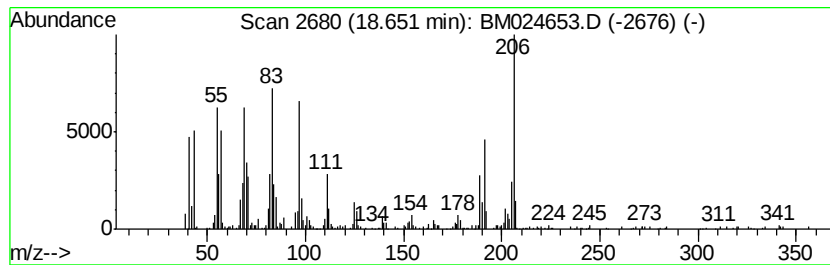
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 E-14-Hexadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	2.90 ng	491477	Phenanthrene-d10	16.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal			238	C16H30O	330207-53-9	95
2	n-Heptadecanol-1			256	C17H36O	001454-85-9	81
3	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	78
4	1-Heptadecene			238	C17H34	006765-39-5	68
5	Phenanthrene, 3,6-dimethyl-			206	C16H14	001576-67-6	64



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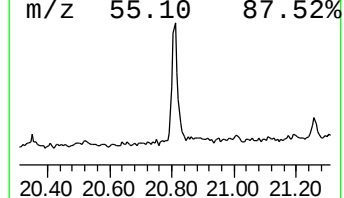
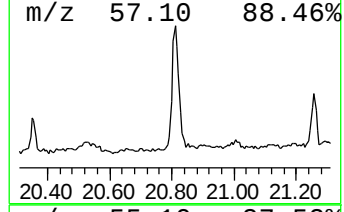
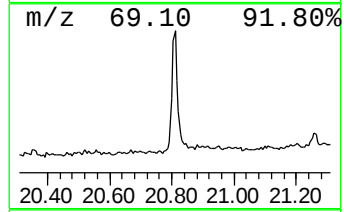
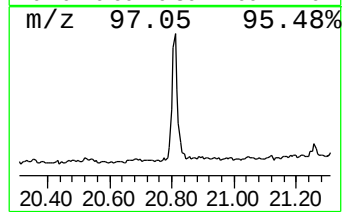
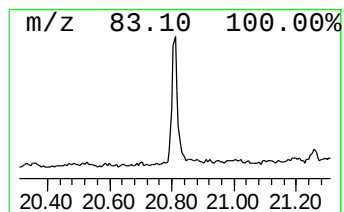
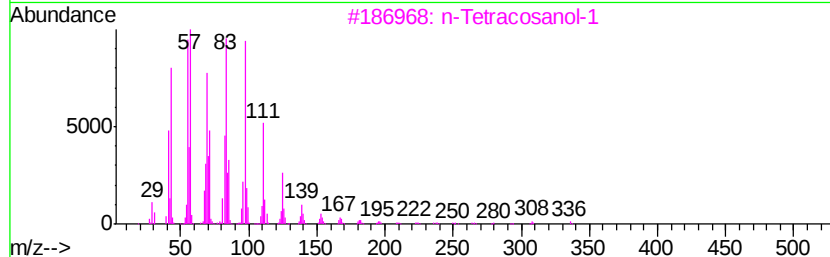
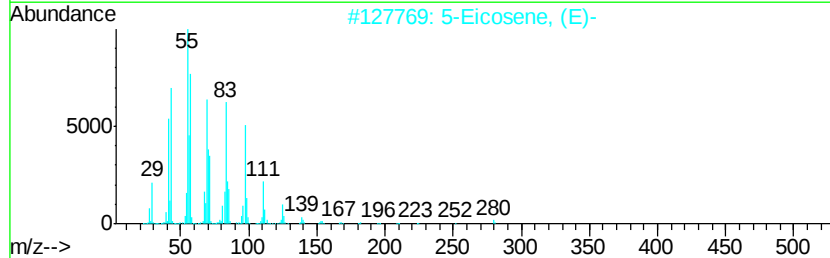
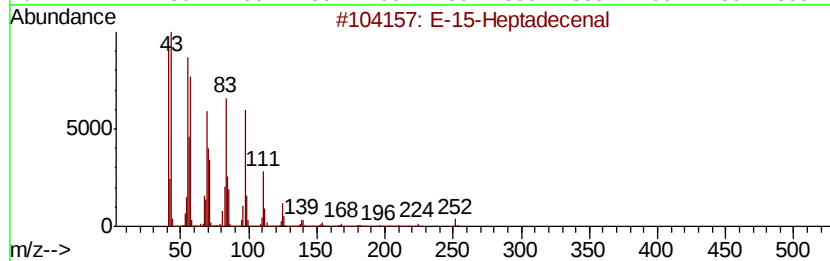
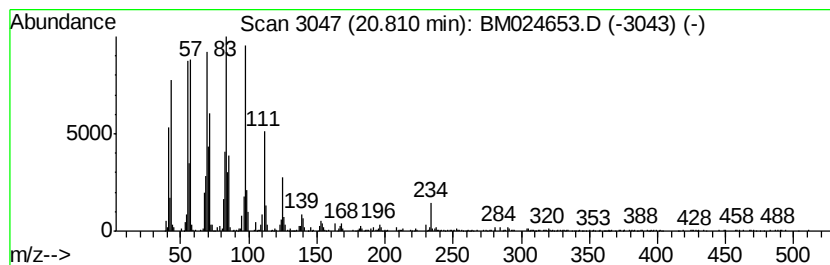
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	7.06 ng	1459890	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Behenic alcohol	326	C22H46O	000661-19-8	93



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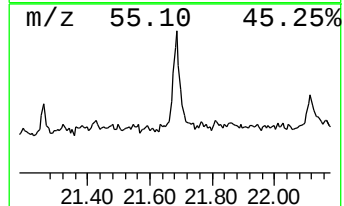
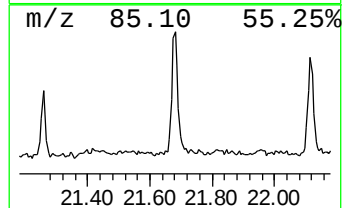
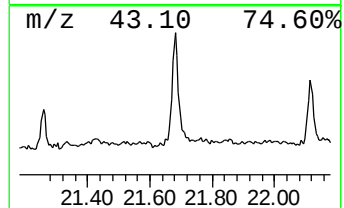
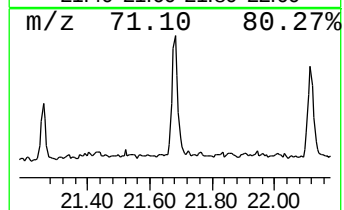
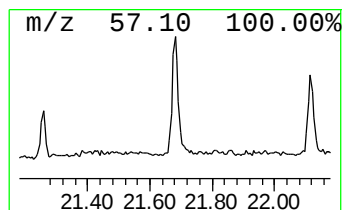
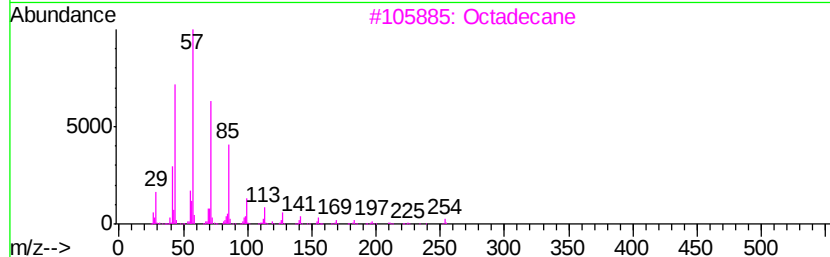
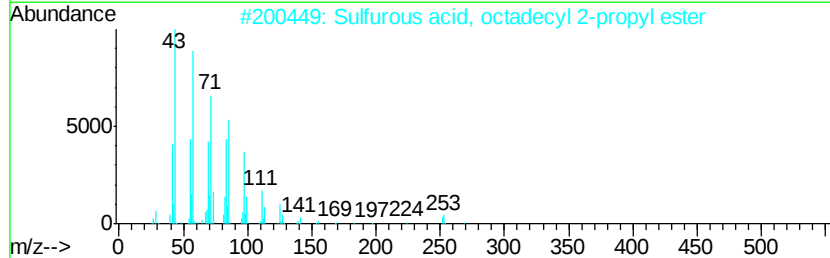
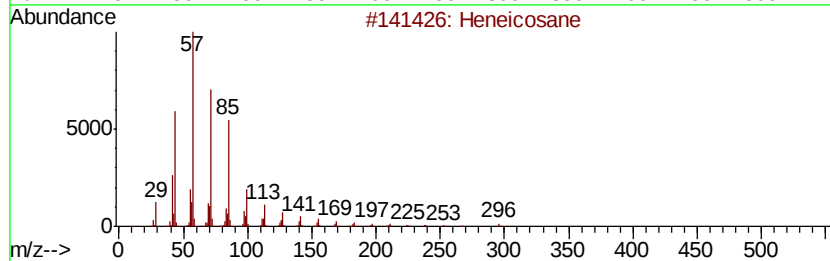
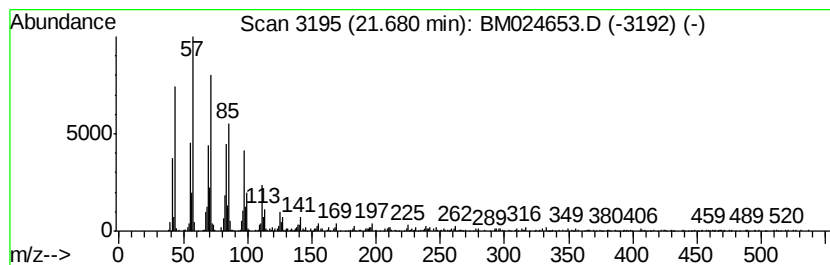
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Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	3.89 ng	804289	Chrysene-d12	21.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	92
2	Sulfurous acid, octadecyl 2-prop...		376	C21H44O3S	1000309-12-7	91
3	Octadecane		254	C18H38	000593-45-3	89
4	Heptadecane		240	C17H36	000629-78-7	89
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	87



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Sample : L1278-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TONNELE-AVE-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	5.4	ng	919719	4	16.84	3385760	20.0
4H-Cyclopenta[def...	17.91	2.4	ng	398396	4	16.84	3385760	20.0
E-14-Hexadecenal	18.65	2.9	ng	491477	4	16.84	3385760	20.0
E-15-Heptadecenal	20.81	7.1	ng	1459890	5	21.05	4136720	20.0
Heneicosane	21.68	3.9	ng	804289	5	21.05	4136720	20.0