

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127942.D
 Acq On : 27 Apr 2022 13:39
 Operator : CG\JU
 Sample : N2563-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER-042622

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_F\Methods\8270-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.046	295	299	307	rVB	32386	42614	1.13%	0.209%
2	5.546	550	554	567	rVB	1029713	1019773	27.01%	5.013%
3	6.545	721	724	730	rBV	649482	620314	16.43%	3.049%
4	6.928	786	789	793	rBV	784769	701474	18.58%	3.448%
5	7.498	875	886	889	rBV	2366925	2361553	62.54%	11.608%
6	7.563	894	897	903	rVB2	63650	64896	1.72%	0.319%
7	8.216	1004	1008	1011	rBV	1006397	867990	22.99%	4.267%
8	8.492	1050	1055	1058	rBV	88225	73641	1.95%	0.362%
9	9.292	1186	1191	1194	rBV	4198396	3775790	100.00%	18.560%
10	9.975	1303	1307	1310	rVB	1072968	931898	24.68%	4.581%
11	10.381	1371	1376	1381	rVB3	22003	40372	1.07%	0.198%
12	10.686	1422	1428	1433	rBV6	26059	45223	1.20%	0.222%
13	10.763	1437	1441	1453	rBV	1070419	1054110	27.92%	5.182%
14	11.463	1556	1560	1566	rBV	980380	827642	21.92%	4.068%
15	11.980	1633	1648	1668	rVB	970568	1816684	48.11%	8.930%
16	12.627	1755	1758	1762	rBV2	45611	58156	1.54%	0.286%
17	12.692	1762	1769	1772	rVV8	66402	171931	4.55%	0.845%
18	12.763	1776	1781	1805	rVB	1167506	2037486	53.96%	10.015%
19	13.051	1826	1830	1833	rVB	2525994	2110419	55.89%	10.374%
20	14.110	2006	2010	2021	rVB	753269	773632	20.49%	3.803%
21	14.568	2085	2088	2090	rBV3	39426	41821	1.11%	0.206%
22	14.592	2090	2092	2095	rVB2	58172	46453	1.23%	0.228%
23	15.227	2196	2200	2204	rBV2	61019	86550	2.29%	0.425%
24	15.621	2262	2267	2277	rVB	583954	773251	20.48%	3.801%

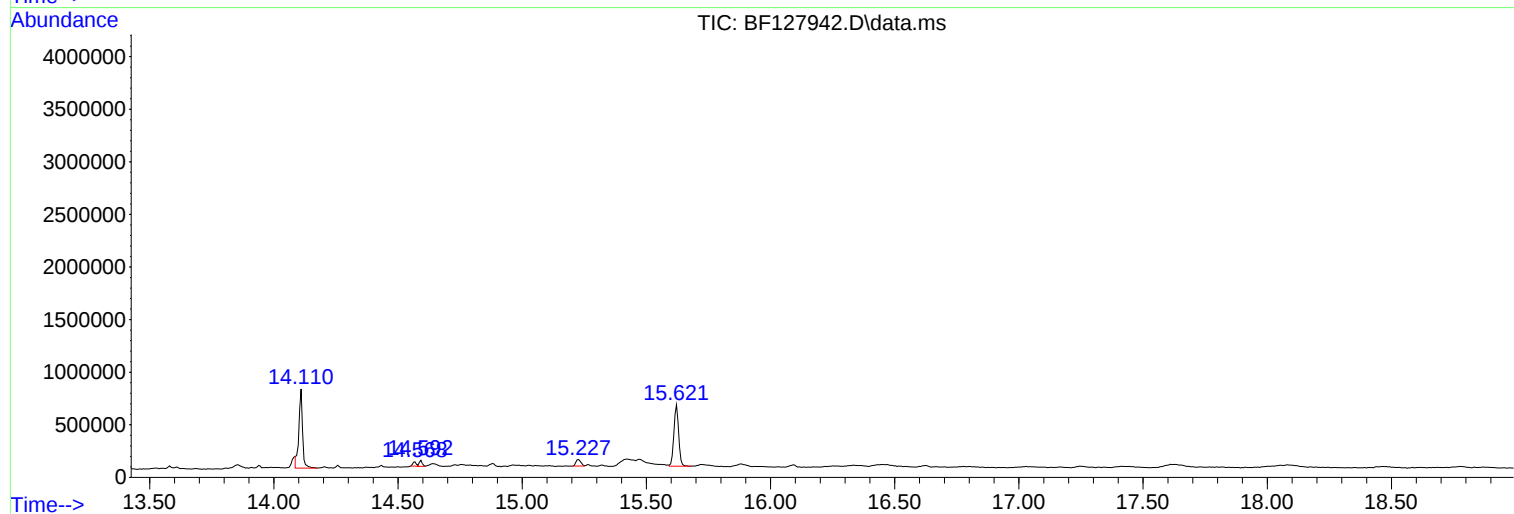
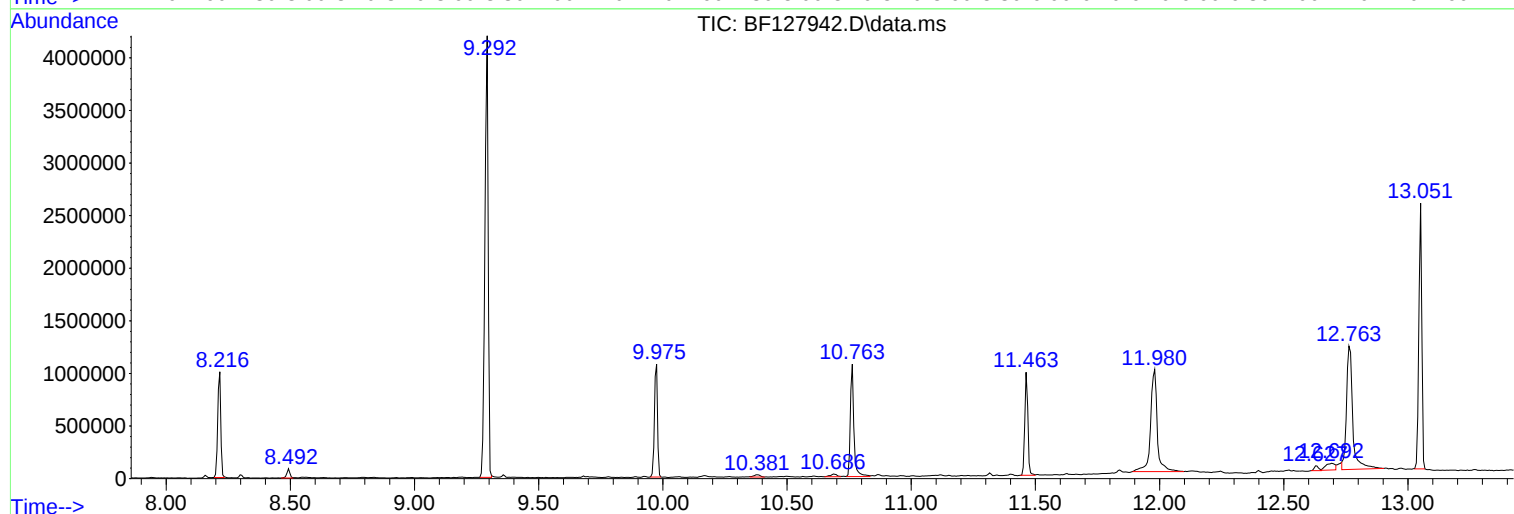
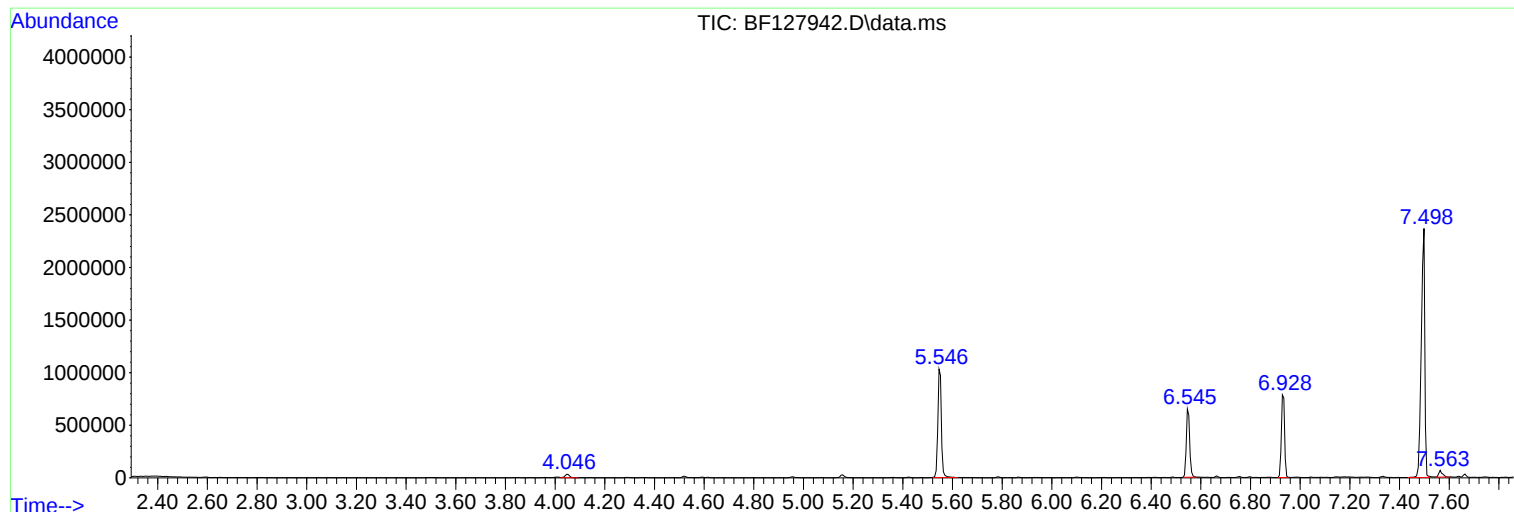
Sum of corrected areas: 20343673

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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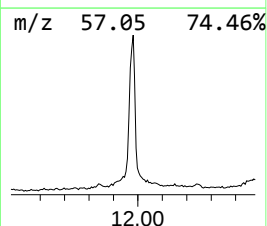
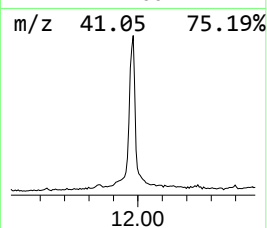
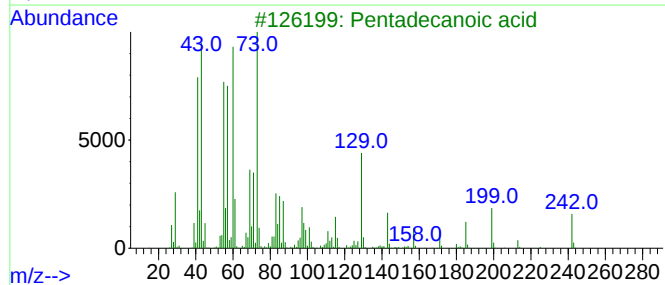
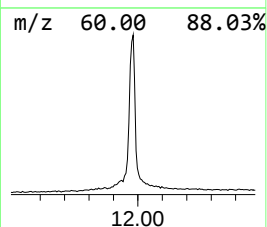
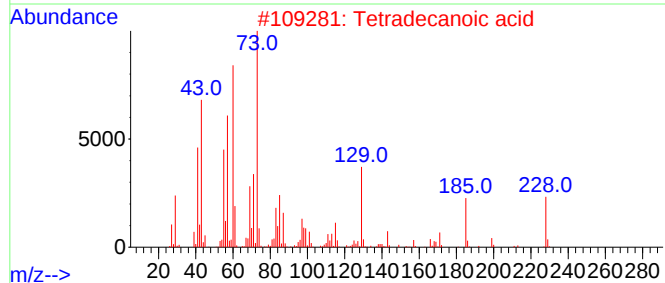
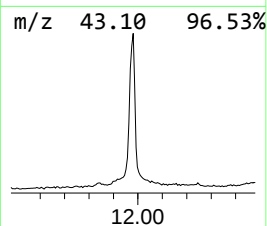
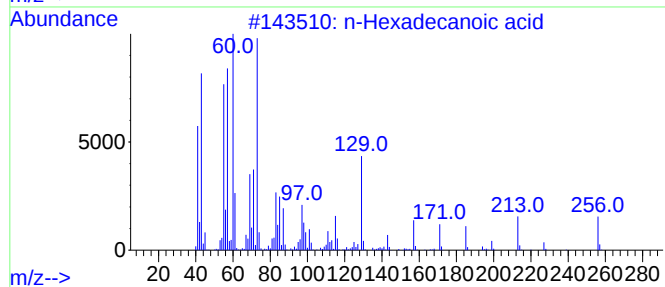
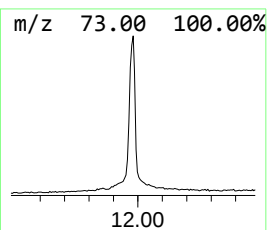
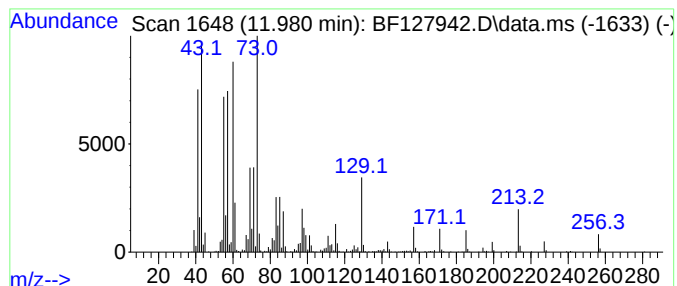
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	43.90 ng	1816680	Phenanthrene-d10	11.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	74
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55



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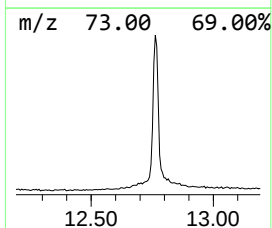
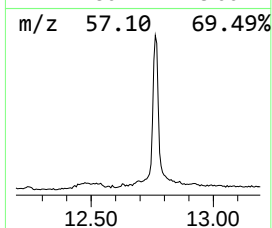
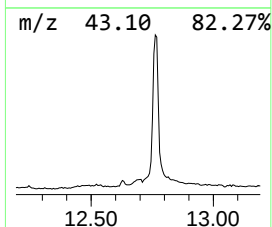
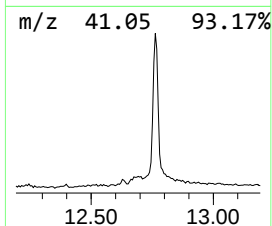
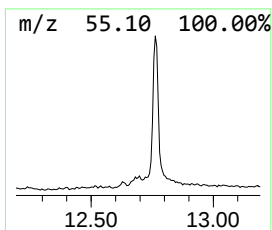
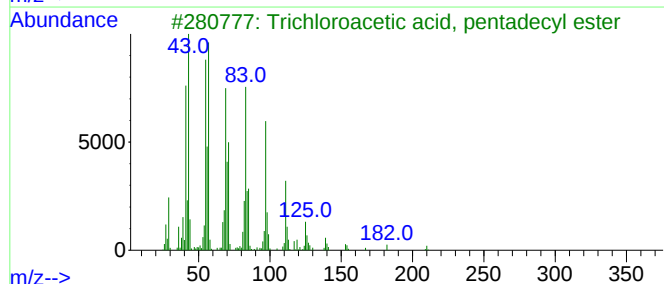
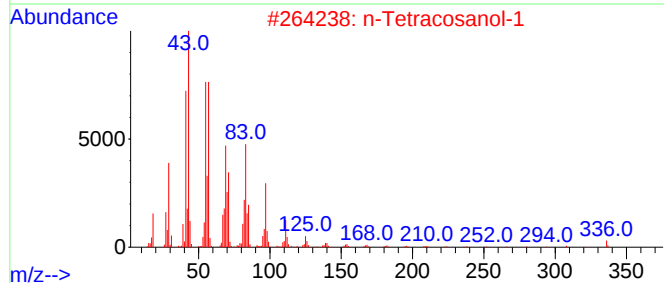
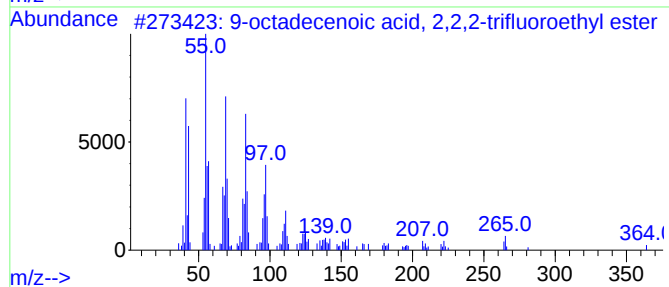
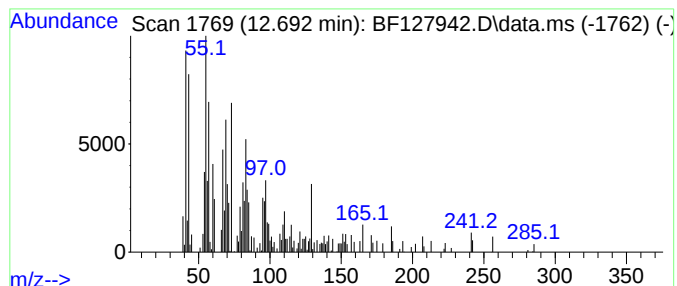
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.692 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	4.15 ng	171931	Phenanthrene-d10	11.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	43
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	30
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	30
4			1-Hexacosanol	382	C26H54O	000506-52-5	30
5			Carbonic acid, tridecyl 2,2,2-tr...	374	C16H29Cl3O3	1000314-55-9	30



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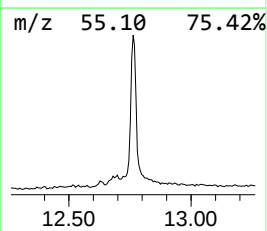
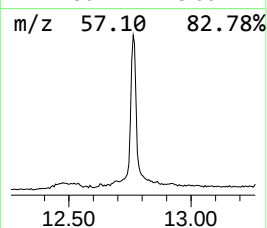
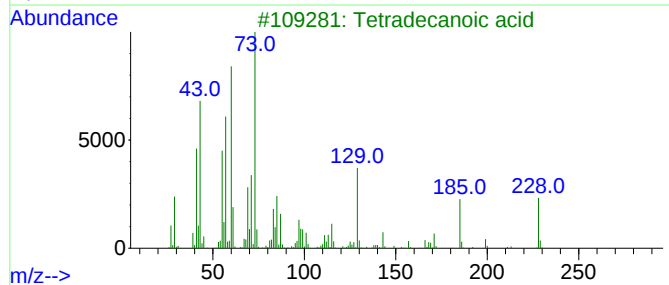
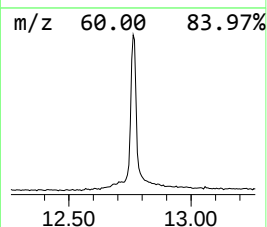
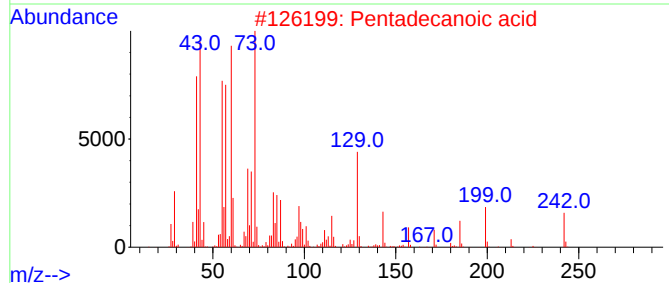
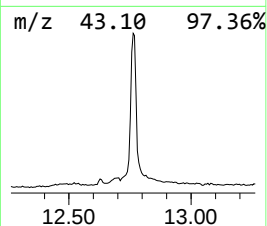
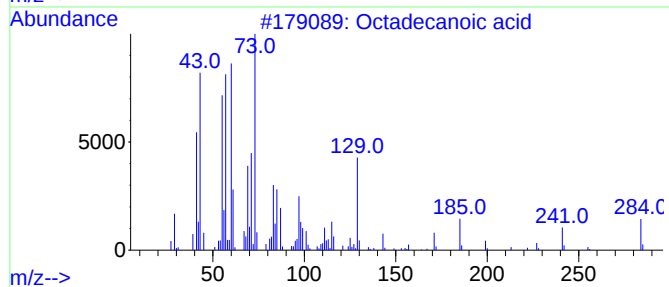
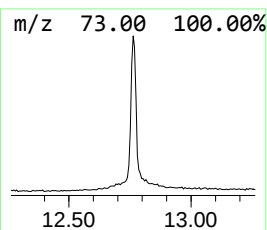
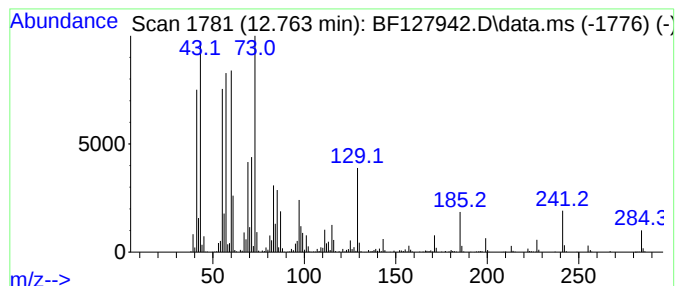
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Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	49.24 ng	2037490	Phenanthrene-d10	11.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	62
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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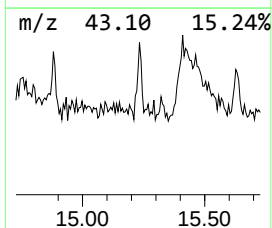
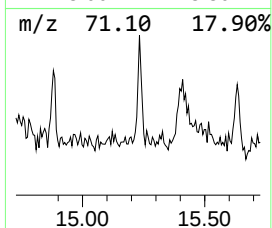
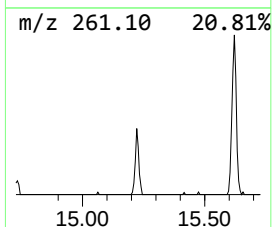
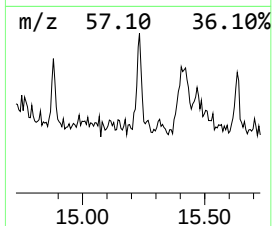
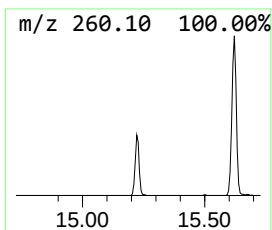
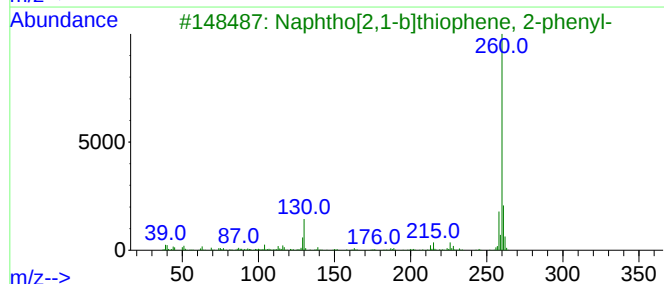
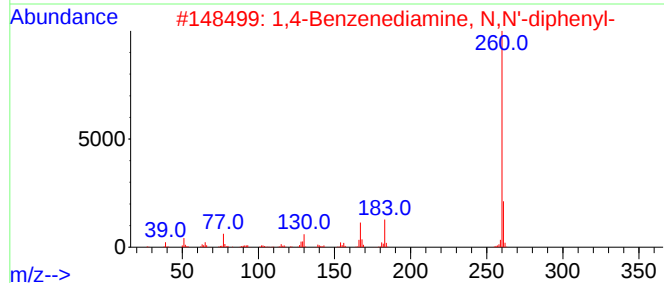
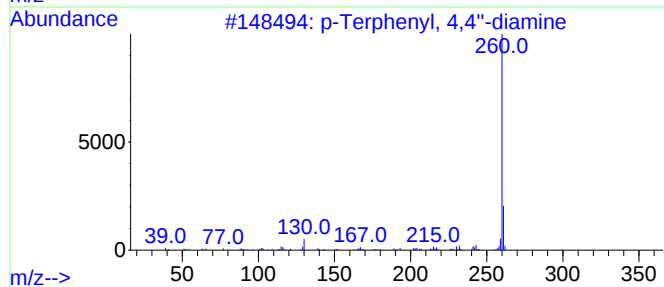
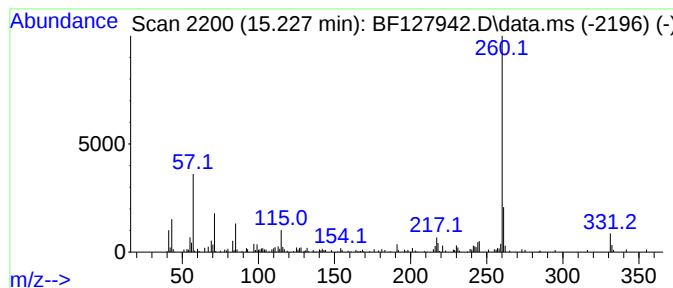
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Peak Number 4 p-Terphenyl, 4,4''-diamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	2.24 ng	86550	Perylene-d12	15.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Terphenyl, 4,4''-diamine	260	C18H16N2	003365-85-3	68
2			1,4-Benzenediamine, N,N'-diphenyl-	260	C18H16N2	000074-31-7	64
3			Naphtho[2,1-b]thiophene, 2-phenyl-	260	C18H12S	016587-38-5	64
4			4a,8a-Methanophthalazine-1,4-dic...	260	C13H12N2O4	118643-90-6	59
5			(5Z)-5-(1,3-Benzodioxol-5-ylmeth...	260	C12H8N2O5	004551-03-5	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.980	43.9	ng	1816680	4	11.463	827642	20.0
unknown12.692	12.692	4.2	ng	171931	4	11.463	827642	20.0
Octadecanoic acid	12.763	49.2	ng	2037490	4	11.463	827642	20.0
p-Terphenyl, 4,...	15.227	2.2	ng	86550	6	15.621	773251	20.0