

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136430.D
 Acq On : 06 Dec 2023 16:09
 Operator : CG\JU
 Sample : 05602-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-1

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-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136430.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	14	18	23	rVB2	25906	35533	1.75%	0.244%
2	5.034	496	501	507	rVB	74370	94275	4.64%	0.646%
3	5.434	564	569	572	rBV	1960496	1809220	89.09%	12.405%
4	6.434	734	739	742	rBV	1815243	1759284	86.64%	12.062%
5	6.798	797	801	804	rBV	687432	572543	28.19%	3.926%
6	7.357	891	896	899	rBV	1337218	1142211	56.25%	7.831%
7	8.075	1014	1018	1021	rBV	809630	690532	34.01%	4.734%
8	9.151	1197	1201	1204	rBV	2670490	2030665	100.00%	13.923%
9	9.827	1312	1316	1320	rBV	795943	620039	30.53%	4.251%
10	10.616	1447	1450	1454	rBV	906843	832490	41.00%	5.708%
11	11.186	1544	1547	1550	rBV	36334	29447	1.45%	0.202%
12	11.321	1566	1570	1572	rBV	586742	534145	26.30%	3.662%
13	11.339	1572	1573	1577	rVV	91050	69879	3.44%	0.479%
14	11.392	1577	1582	1586	rVB	22381	26939	1.33%	0.185%
15	11.857	1657	1661	1665	rBV	126164	137094	6.75%	0.940%
16	12.533	1773	1776	1780	rBV	171869	158280	7.79%	1.085%
17	12.645	1791	1795	1800	rBV6	35148	50698	2.50%	0.348%
18	12.763	1809	1815	1818	rBV	163041	174462	8.59%	1.196%
19	12.839	1822	1828	1832	rVB5	16931	30428	1.50%	0.209%
20	12.915	1837	1841	1844	rBV	2239902	1790922	88.19%	12.279%
21	13.198	1886	1889	1892	rBV2	23781	27235	1.34%	0.187%
22	13.357	1912	1916	1920	rBV4	49783	65561	3.23%	0.450%
23	13.392	1920	1922	1931	rVB7	41675	63120	3.11%	0.433%
24	13.604	1956	1958	1964	rBV2	23297	29824	1.47%	0.204%
25	13.968	2015	2020	2023	rBV2	681070	738112	36.35%	5.061%
26	13.998	2023	2025	2030	rVB	109095	102185	5.03%	0.701%
27	14.451	2100	2102	2105	rVB2	34279	30138	1.48%	0.207%
28	14.839	2166	2168	2174	rVB5	40356	45332	2.23%	0.311%
29	15.015	2194	2198	2201	rBV	96209	149325	7.35%	1.024%
30	15.109	2212	2214	2219	rVB3	56637	73620	3.63%	0.505%
31	15.321	2247	2250	2254	rVB	52556	59536	2.93%	0.408%
32	15.386	2257	2261	2264	rBV	71806	88873	4.38%	0.609%
33	15.451	2267	2272	2277	rBV	376765	461648	22.73%	3.165%
34	16.933	2522	2524	2533	rVB3	30747	61522	3.03%	0.422%

Sum of corrected areas: 14585117

Instrument :

BNA_F

ClientSampleId :

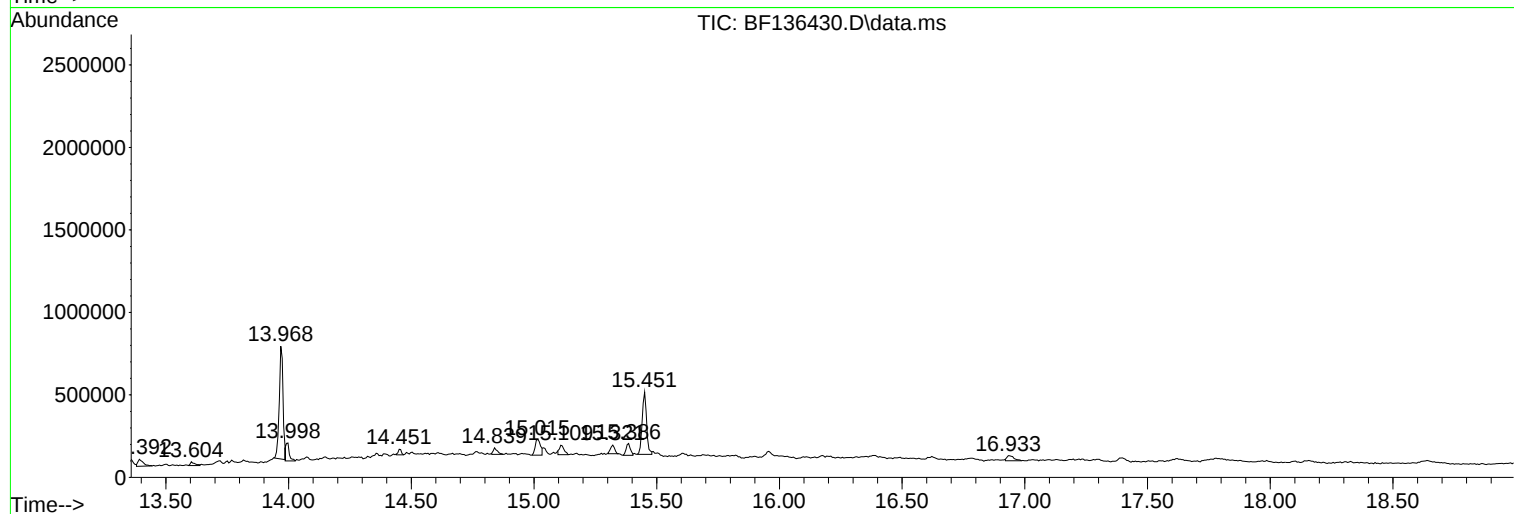
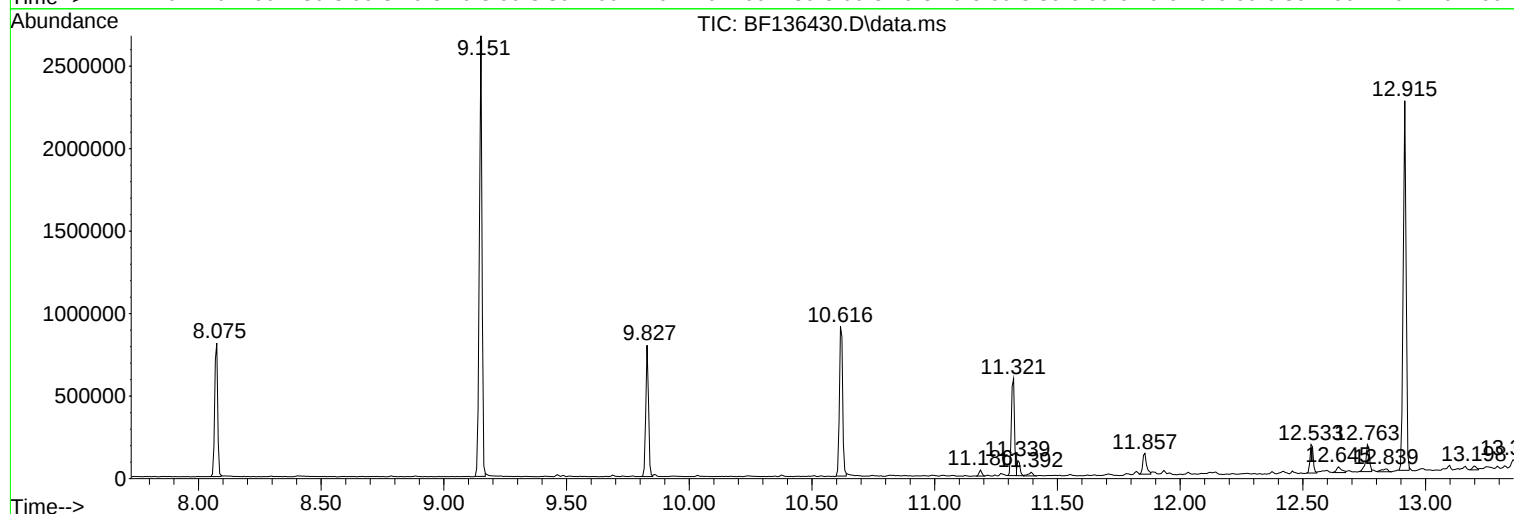
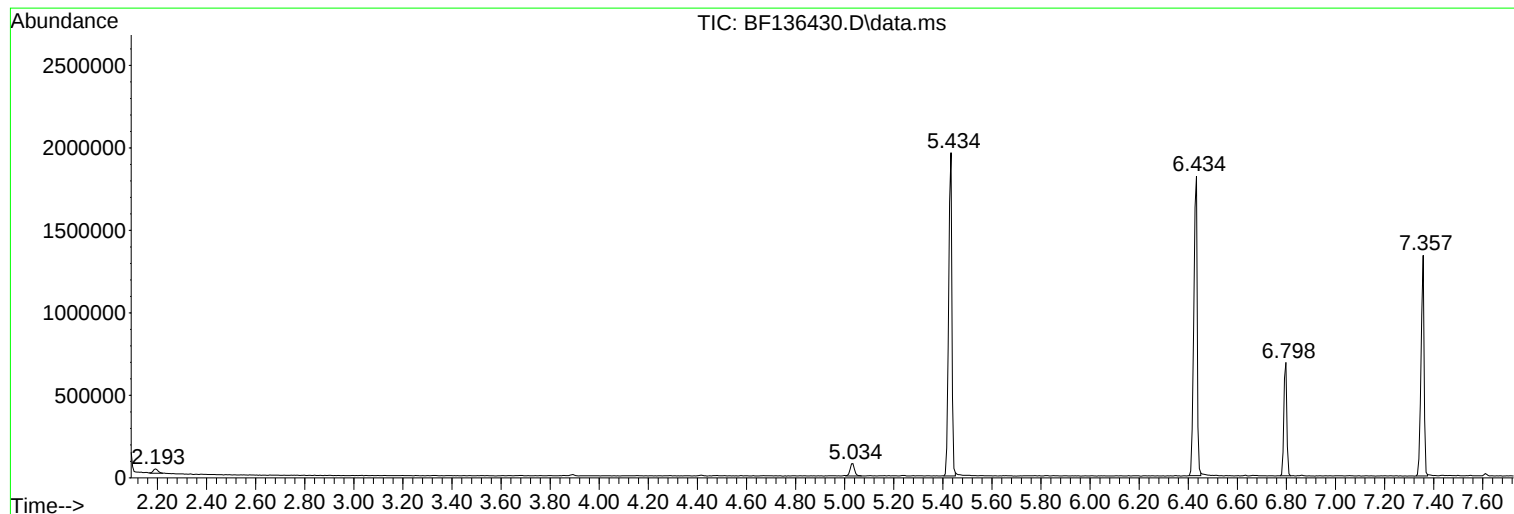
SPRING-VALLEY-TP-1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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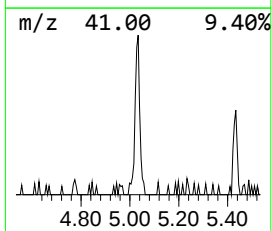
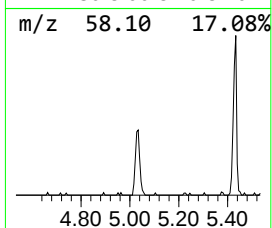
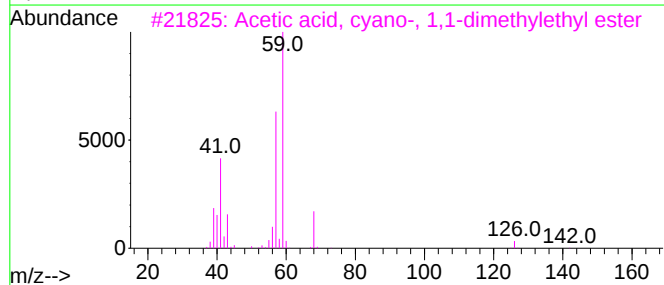
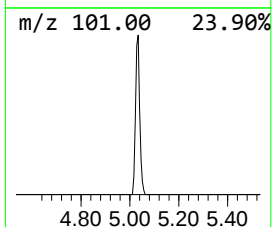
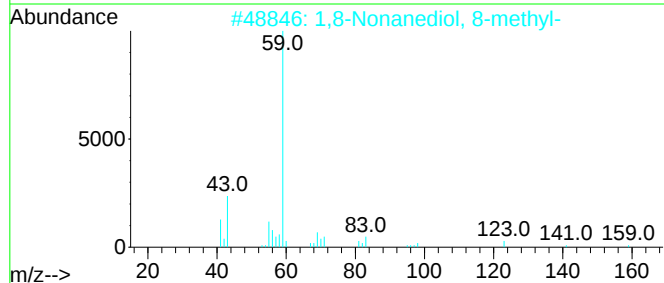
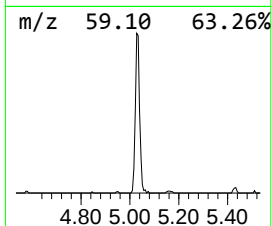
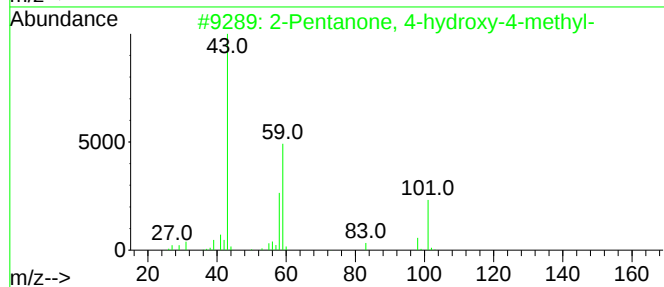
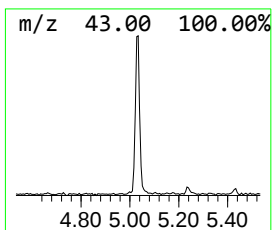
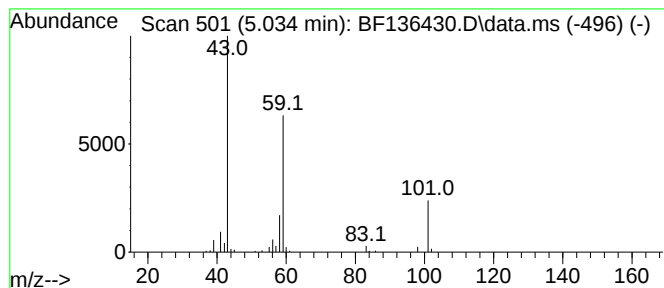
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	3.29 ng	94275	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	1,2-Butanediol	90	C4H10O2	000584-03-2	23		
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17		



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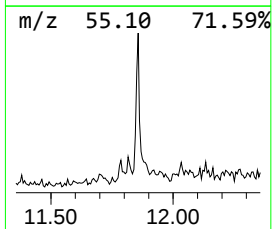
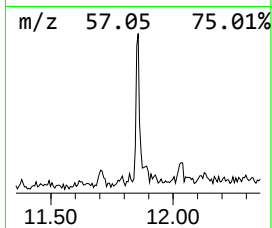
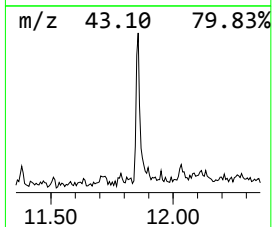
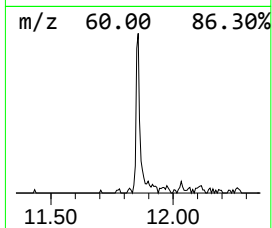
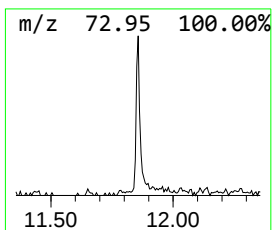
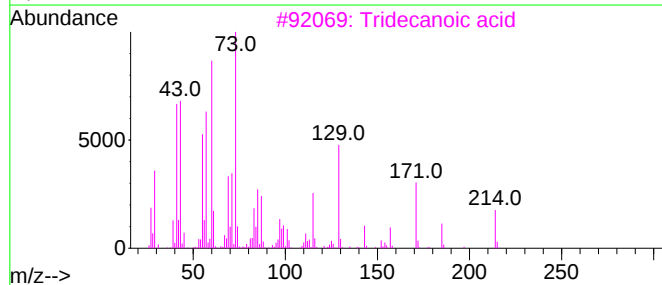
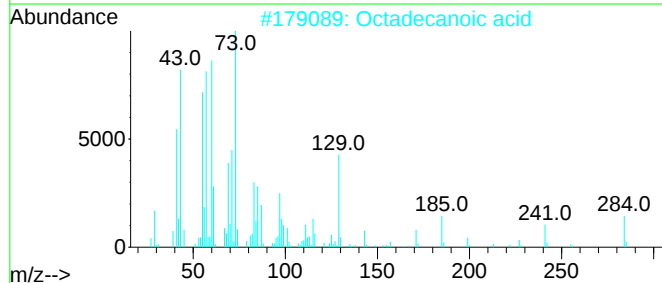
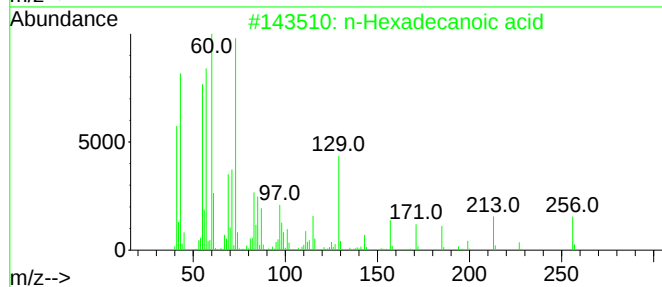
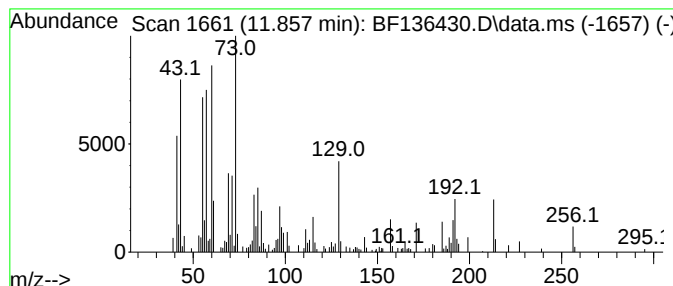
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	5.13 ng	137094	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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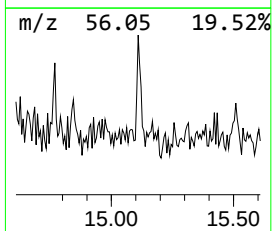
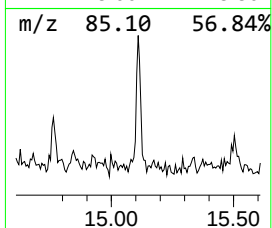
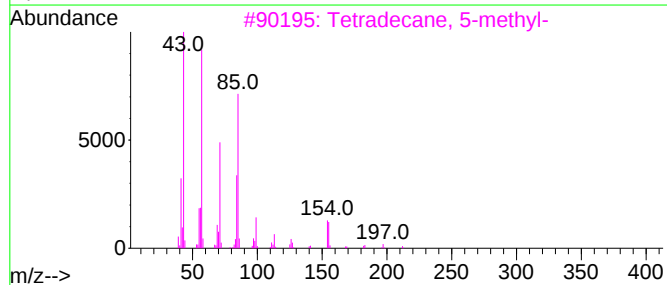
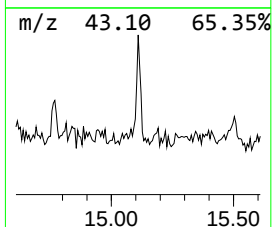
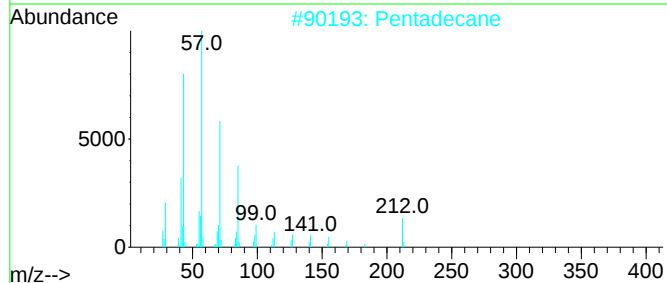
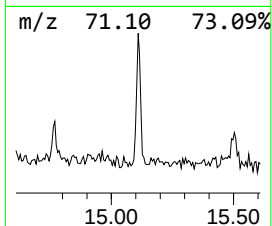
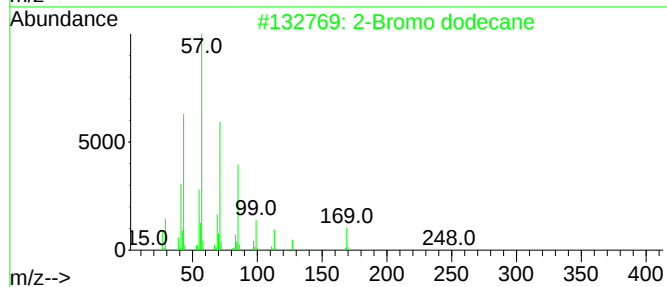
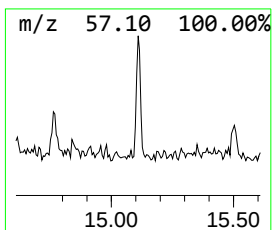
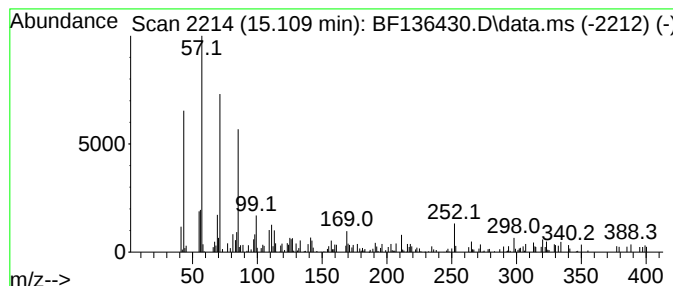
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Peak Number 3 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	3.19 ng	73620	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
2		Pentadecane	212	C15H32	000629-62-9	64
3		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	58
4		Hexadecane	226	C16H34	000544-76-3	52
5		Heneicosane	296	C21H44	000629-94-7	52



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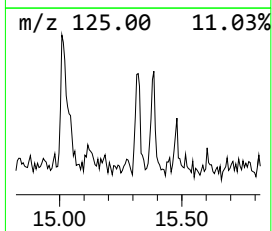
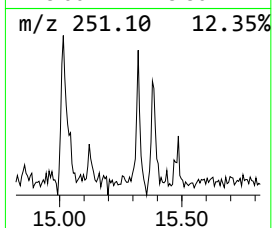
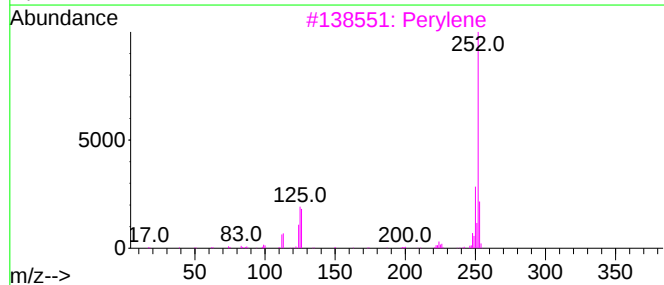
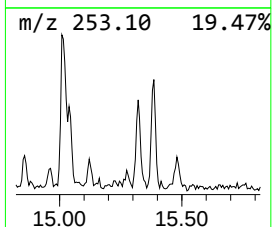
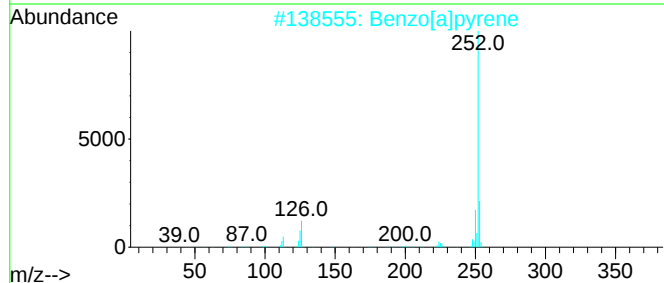
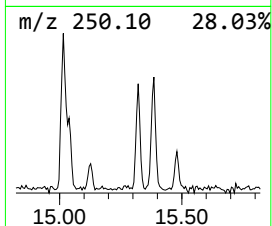
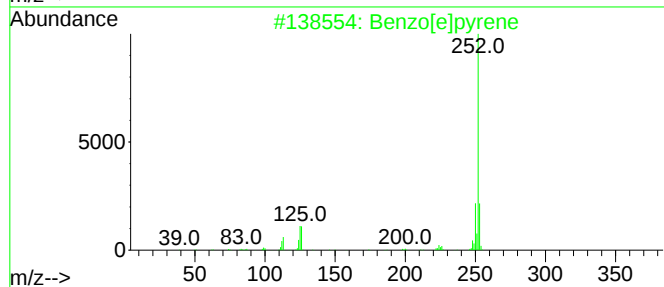
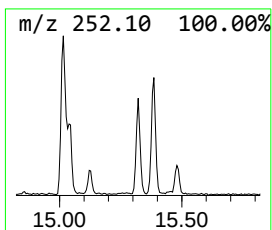
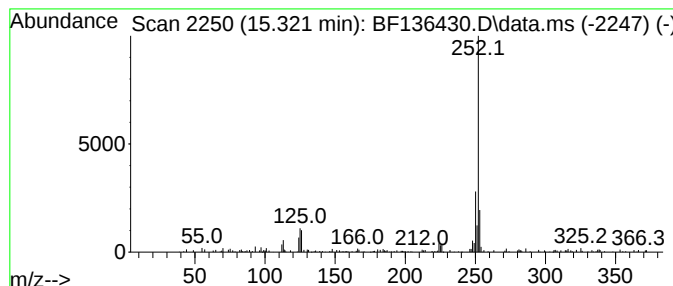
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Peak Number 4 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	2.58 ng	59536	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Perylene	252	C20H12	000198-55-0	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.034	3.3	ng	94275	1	6.798	572543	20.0
n-Hexadecanoic ...	11.857	5.1	ng	137094	4	11.322	534145	20.0
2-Bromo dodecane	15.110	3.2	ng	73620	6	15.451	461648	20.0
Benzo[e]pyrene	15.321	2.6	ng	59536	6	15.451	461648	20.0