

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049211.D
 Acq On : 7 Jul 2021 22:55
 Operator : CG/JU
 Sample : M2947-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-7

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_G\METHODS\8270-BG063021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049211.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.129	8	15	26	rBV6	32813	105288	3.04%	0.772%
2	5.644	435	443	452	rBV	513005	863157	24.95%	6.332%
3	7.242	707	715	724	rBV	519702	919901	26.59%	6.748%
4	8.088	852	859	866	rVB2	165005	280432	8.11%	2.057%
5	9.257	1050	1058	1066	rBV	346682	638051	18.44%	4.681%
6	10.908	1331	1339	1350	rBV	209032	383301	11.08%	2.812%
7	13.352	1747	1755	1765	rVB	1061959	1643315	47.50%	12.055%
8	14.169	1889	1894	1906	rBV	79898	127532	3.69%	0.936%
9	14.727	1983	1989	1998	rVB	311356	502018	14.51%	3.683%
10	16.220	2236	2243	2255	rBV	1194204	1878316	54.29%	13.779%
11	17.477	2451	2457	2463	rBV	372994	575524	16.63%	4.222%
12	18.358	2601	2607	2612	rBV2	112562	161650	4.67%	1.186%
13	18.546	2634	2639	2644	rBV7	17827	36687	1.06%	0.269%
14	19.527	2801	2806	2811	rVB	59771	84577	2.44%	0.620%
15	19.892	2864	2868	2875	rVB	75338	122332	3.54%	0.897%
16	20.086	2895	2901	2907	rBV	2544849	3459841	100.00%	25.381%
17	20.215	2918	2923	2930	rVB5	15890	35761	1.03%	0.262%
18	20.379	2947	2951	2956	rVB5	32658	54992	1.59%	0.403%
19	20.538	2974	2978	2982	rBV3	25022	38082	1.10%	0.279%
20	21.390	3119	3123	3134	rVB5	89800	208399	6.02%	1.529%
21	21.766	3179	3187	3192	rBV2	355935	691837	20.00%	5.075%
22	21.813	3192	3195	3203	rVB2	48787	78684	2.27%	0.577%
23	23.482	3476	3479	3487	rVB5	18764	38668	1.12%	0.284%
24	24.909	3716	3722	3734	rVB3	24843	85615	2.47%	0.628%
25	25.074	3741	3750	3766	rVB3	207285	617757	17.86%	4.532%

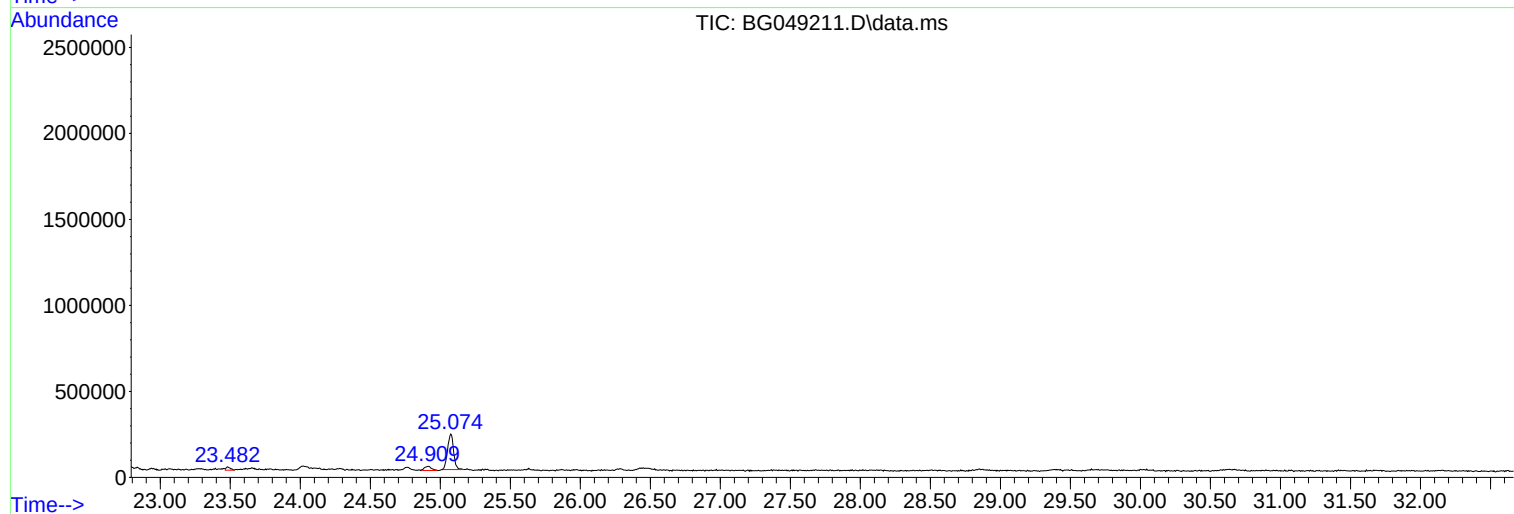
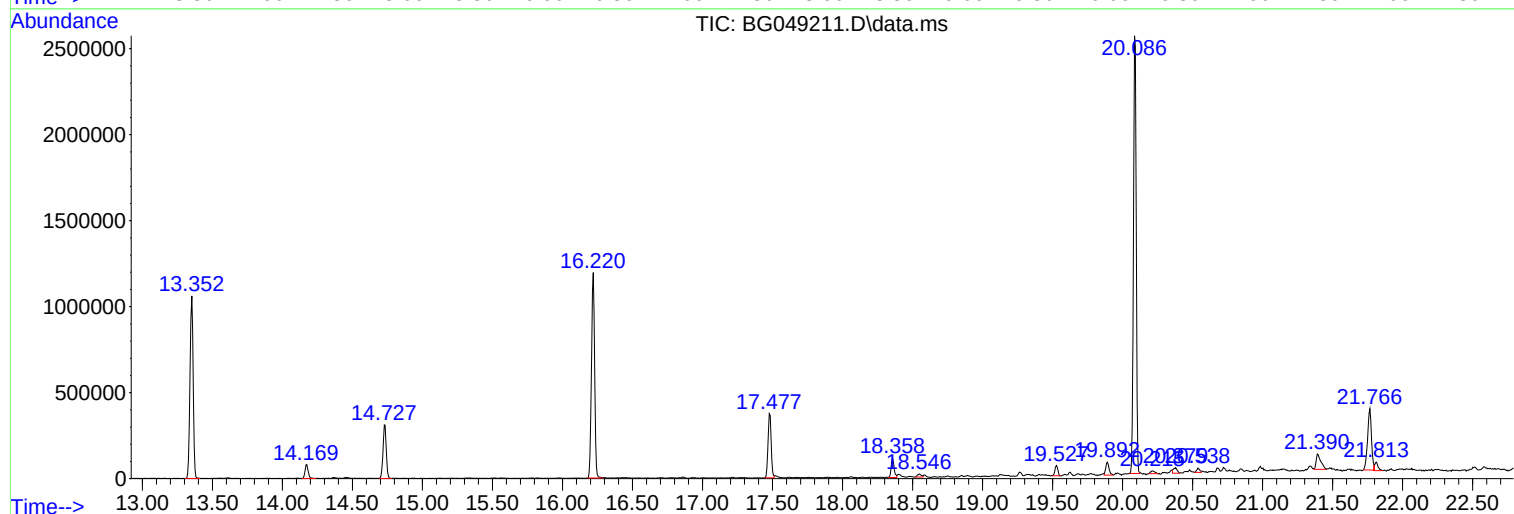
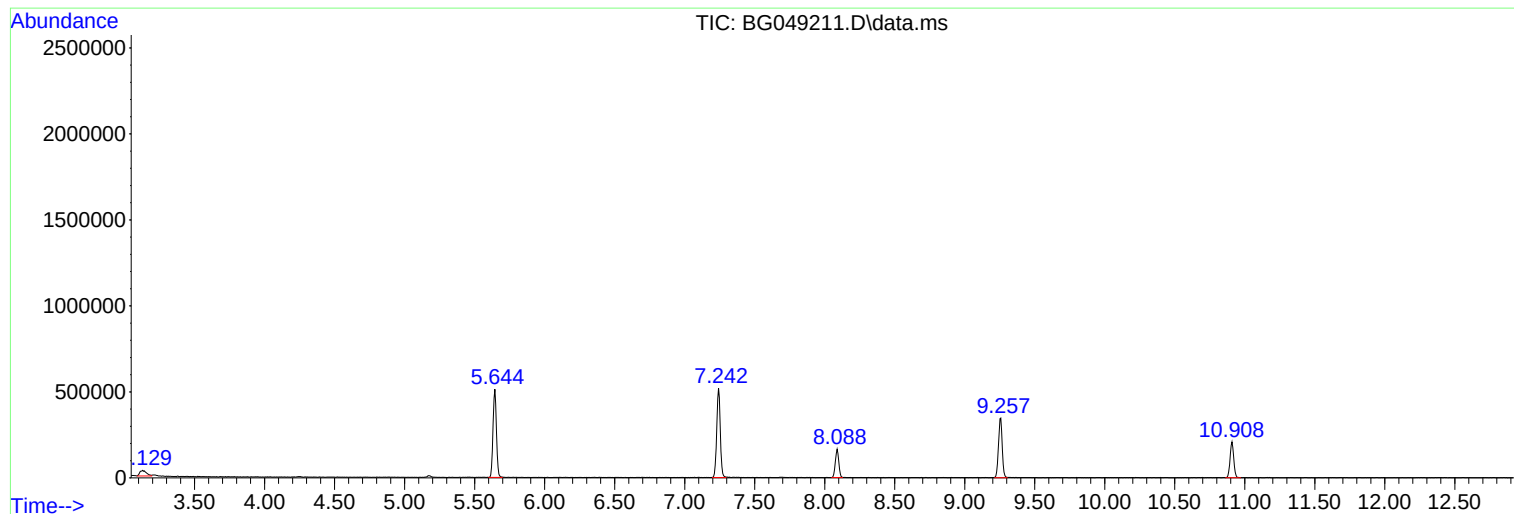
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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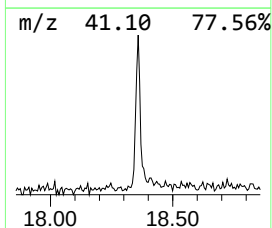
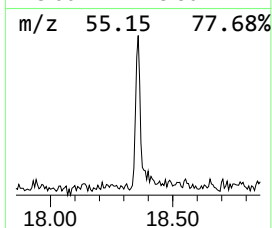
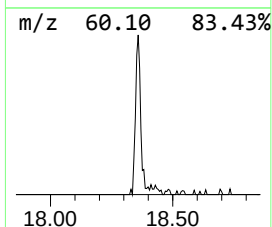
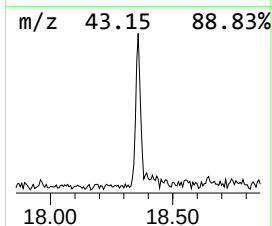
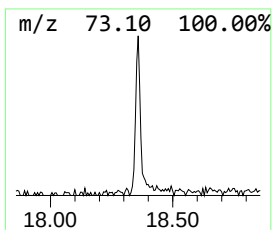
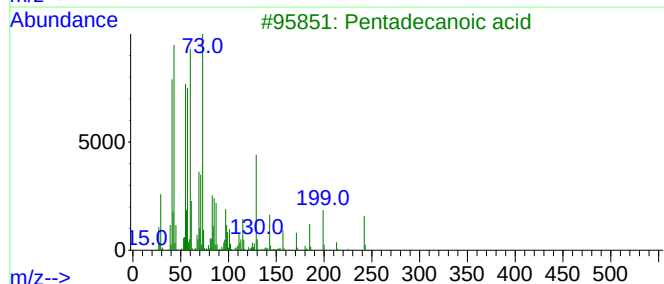
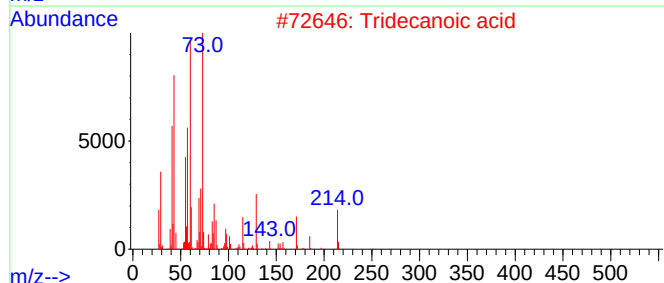
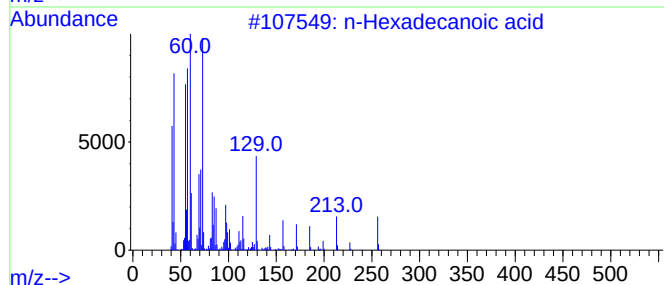
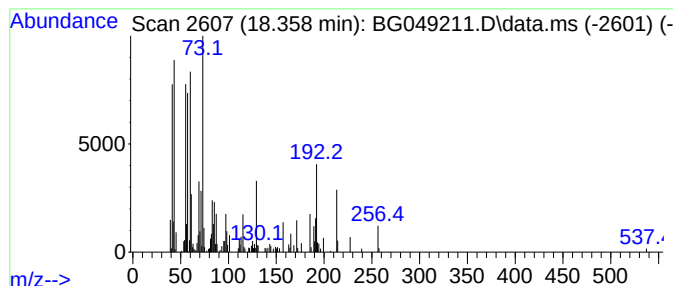
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.358	5.62 ng	161650	Phenanthrene-d10	17.477

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5		d-Glucohexodialdose	178	C6H10O6	1000149-19-1	38



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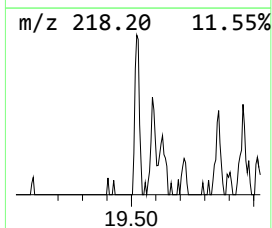
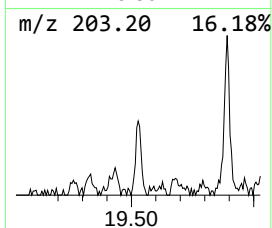
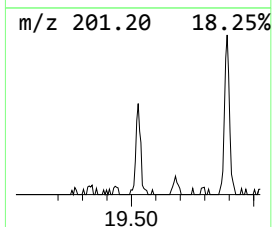
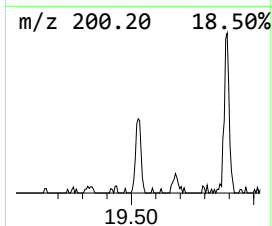
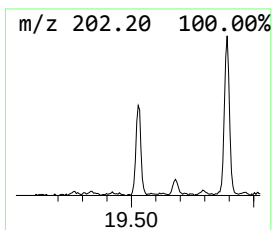
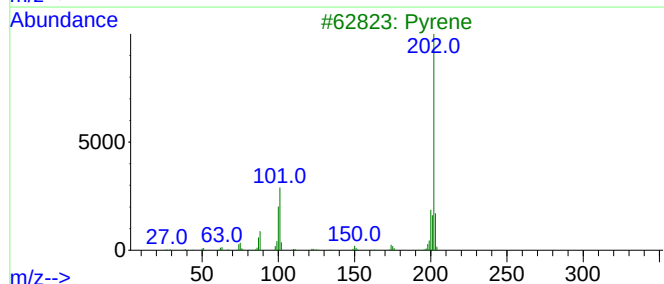
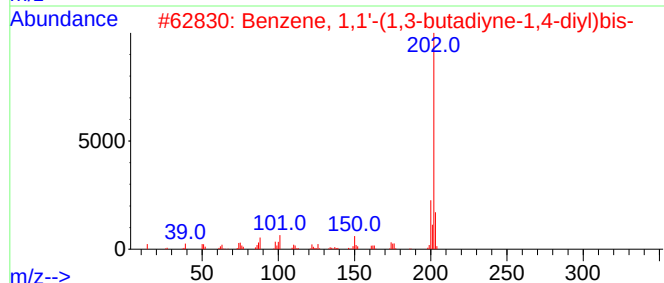
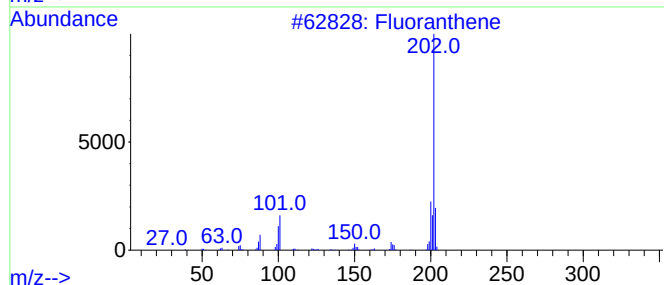
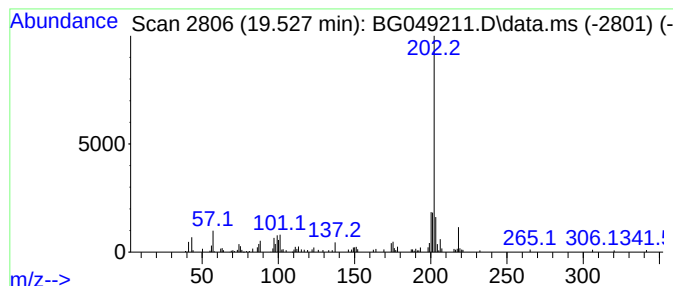
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.528	2.94 ng	84577	Phenanthrene-d10	17.477

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene	202	C16H10	000206-44-0	76
2			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68
3			Pyrene	202	C16H10	000129-00-0	64
4			Benzene, 1-(dibutylboryl)-2-(dim...	259	C17H30BN	1000162-42-2	45
5			1H-Indole-3-acetic acid, 1-(trim...	275	C15H21NO2Si	074367-38-7	42



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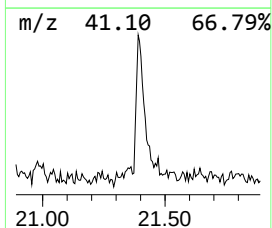
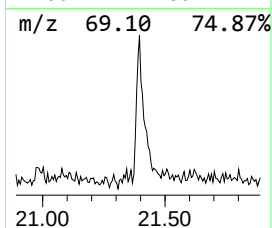
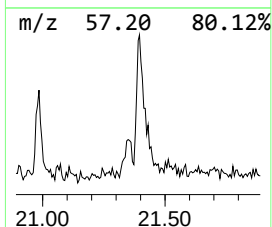
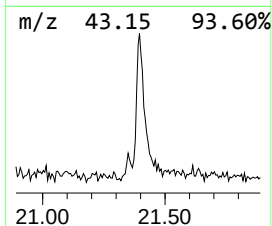
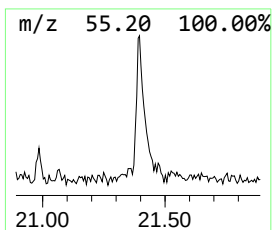
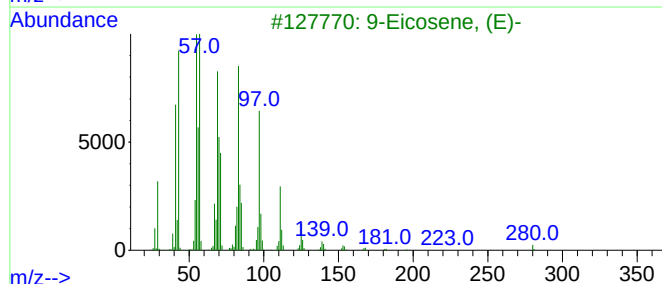
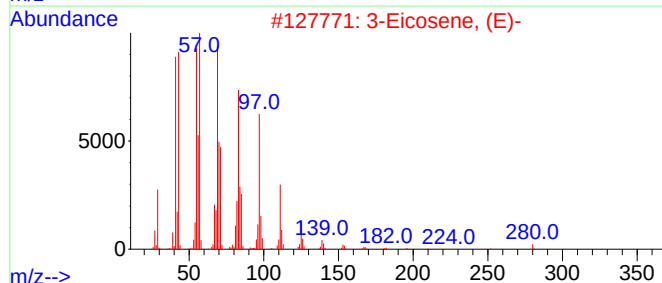
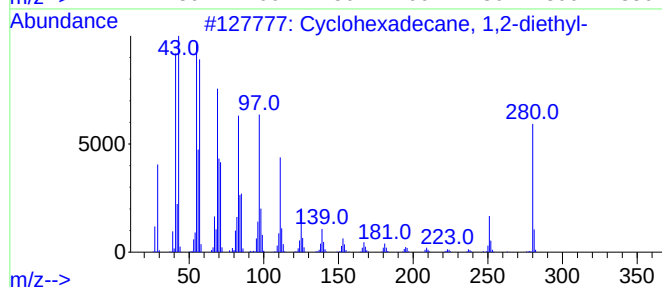
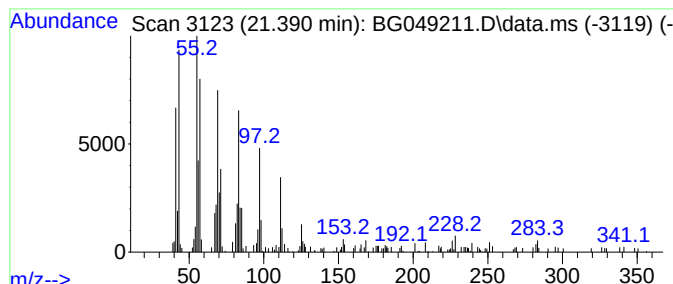
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Peak Number 4 Cyclohexadecane, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.390	6.02 ng	208399	Chrysene-d12	21.766

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5		1-Eicosene	280	C20H40	003452-07-1	93



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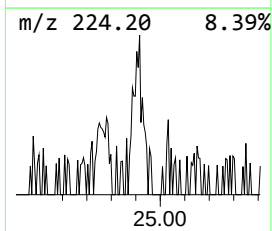
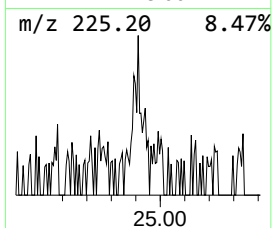
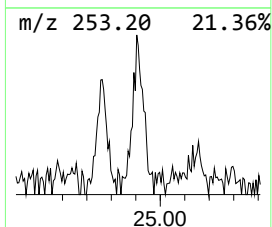
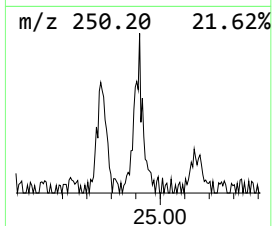
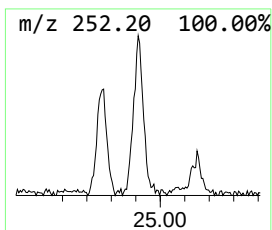
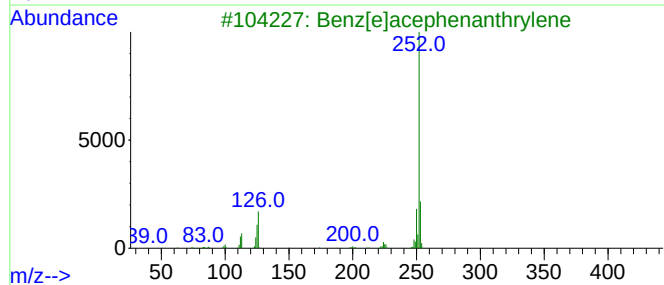
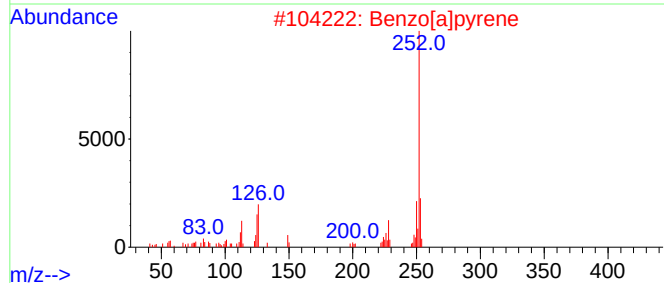
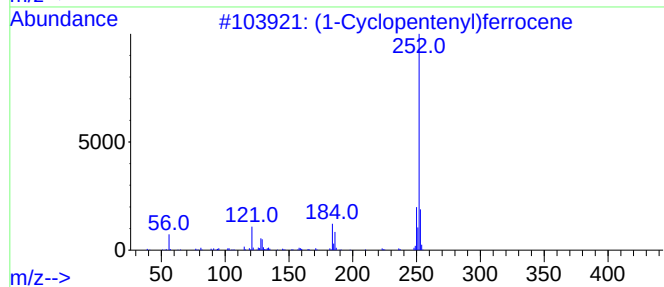
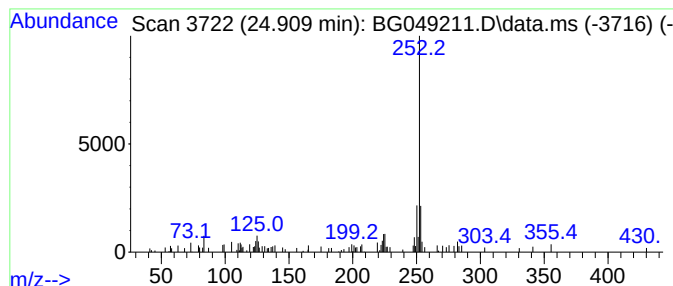
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Peak Number 5 (1-Cyclopentenyl)ferrocene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.909	2.77 ng	85615	Perylene-d12	25.074

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
2			Benzo[a]pyrene	252	C20H12	000050-32-8	68
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68
4			Benzo[e]pyrene	252	C20H12	000192-97-2	64
5			Perylene	252	C20H12	000198-55-0	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.358	5.6	ng	161650	4	17.477	575524	20.0
Benzene, 1,1'-(...	19.528	2.9	ng	84577	4	17.477	575524	20.0
Cyclohexadecane...	21.390	6.0	ng	208399	5	21.766	691837	20.0
(1-Cyclopentenyl...	24.909	2.8	ng	85615	6	25.074	617757	20.0