

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113634.D
 Acq On : 6 Apr 2019 00:13
 Operator : JU/SJ
 Sample : K2186-17 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-3

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_F\METHODS\8270-BF040319.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	5.293	542	545	566	rBV	351800	560485	57.08%	5.621%
2	6.334	719	722	739	rBV	459112	630395	64.20%	6.322%
3	6.457	739	743	752	rVV	638158	624681	63.62%	6.265%
4	6.563	758	761	772	rVB4	7925	14669	1.49%	0.147%
5	6.681	778	781	795	rBV	732760	665767	67.81%	6.677%
6	6.840	804	808	816	rBV	530508	513345	52.28%	5.148%
7	7.245	874	877	890	rBV	303983	360629	36.73%	3.617%
8	7.340	890	893	901	rVB	10839	16304	1.66%	0.164%
9	7.963	996	999	1006	rBV	889343	835858	85.13%	8.383%
10	8.781	1133	1138	1143	rBV4	12833	28814	2.93%	0.289%
11	9.039	1178	1182	1191	rBV	823258	794476	80.92%	7.968%
12	9.116	1192	1195	1199	rVV3	12440	17810	1.81%	0.179%
13	9.434	1244	1249	1255	rBV	47598	57065	5.81%	0.572%
14	9.581	1271	1274	1276	rBV	18058	18436	1.88%	0.185%
15	9.716	1293	1297	1309	rVB	899418	948660	96.62%	9.514%
16	9.933	1331	1334	1338	rBV3	16343	20626	2.10%	0.207%
17	10.228	1381	1384	1387	rBV3	20321	17523	1.78%	0.176%
18	10.504	1427	1431	1442	rBV	404445	418239	42.60%	4.195%
19	10.622	1449	1451	1456	rBV4	15738	22332	2.27%	0.224%
20	10.704	1463	1465	1469	rVB4	14431	14174	1.44%	0.142%
21	11.192	1544	1548	1556	rBV	1025852	981853	100.00%	9.847%
22	11.727	1636	1639	1647	rBV	187787	227446	23.16%	2.281%
23	12.510	1770	1772	1777	rBV2	113113	144086	14.67%	1.445%
24	12.633	1790	1793	1795	rBV	74248	70049	7.13%	0.703%
25	12.769	1813	1816	1820	rBV	815762	689254	70.20%	6.913%
26	13.827	1993	1996	2004	rVB	681308	679101	69.17%	6.811%
27	15.233	2232	2235	2241	rVB2	442937	599029	61.01%	6.008%

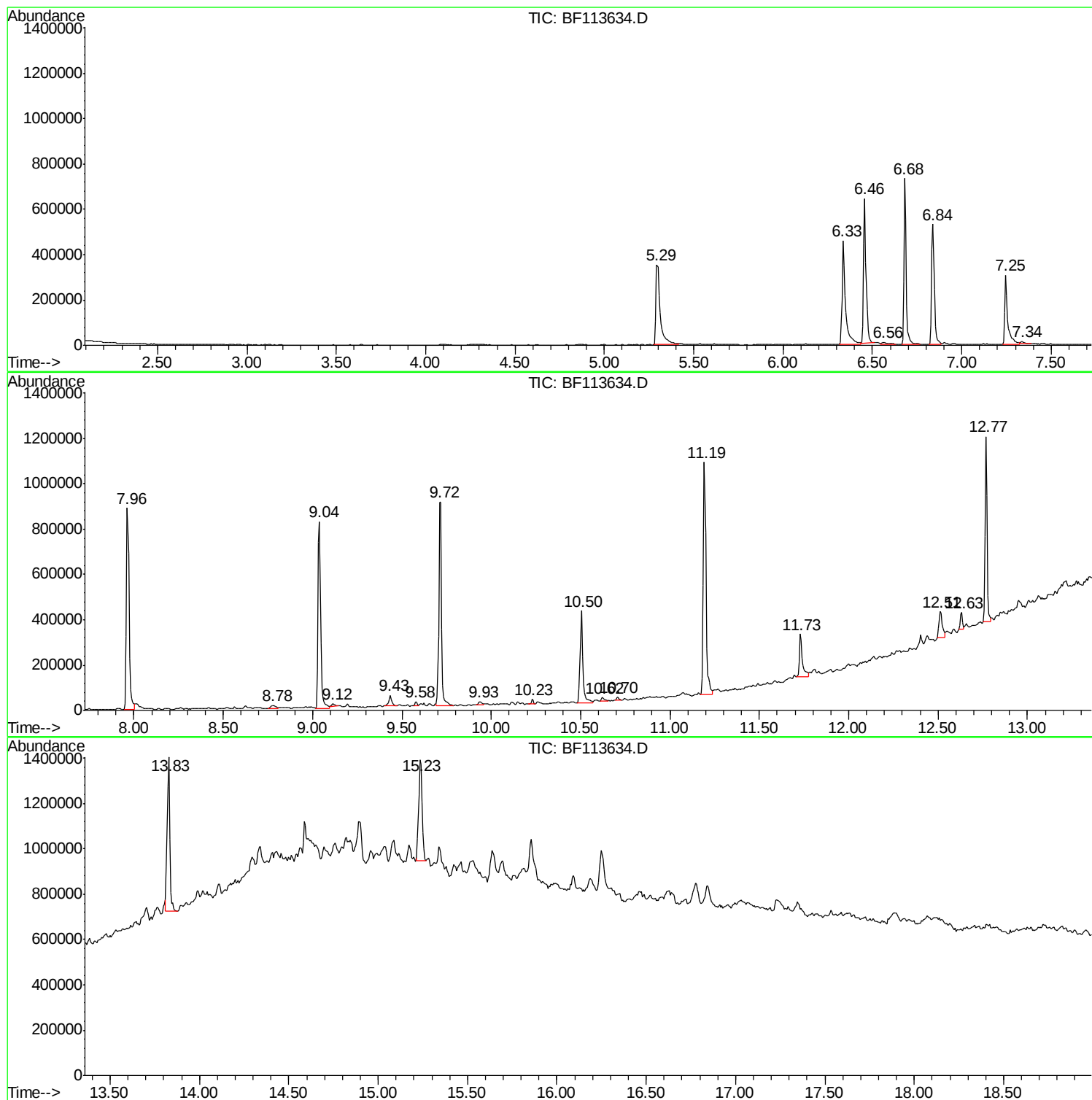
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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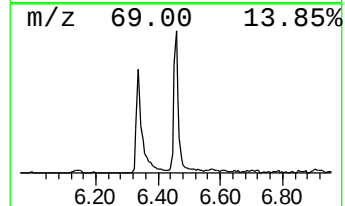
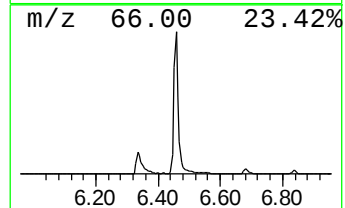
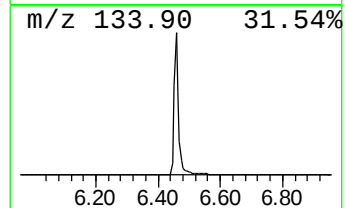
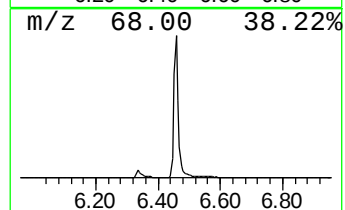
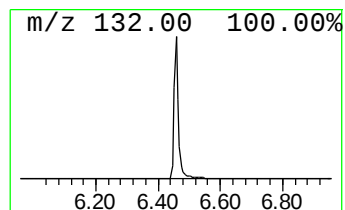
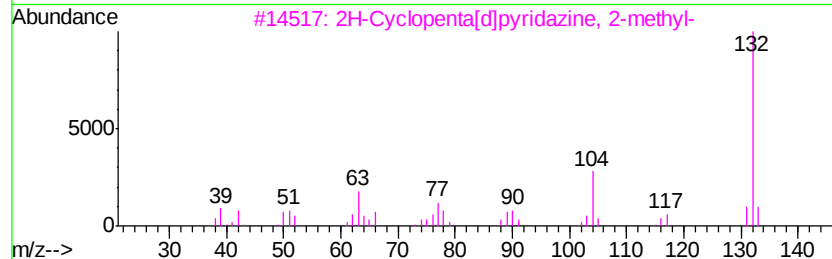
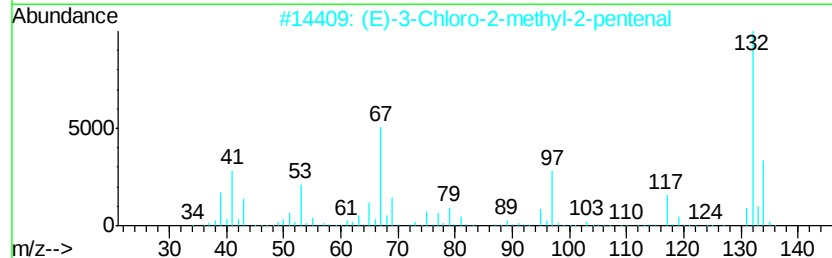
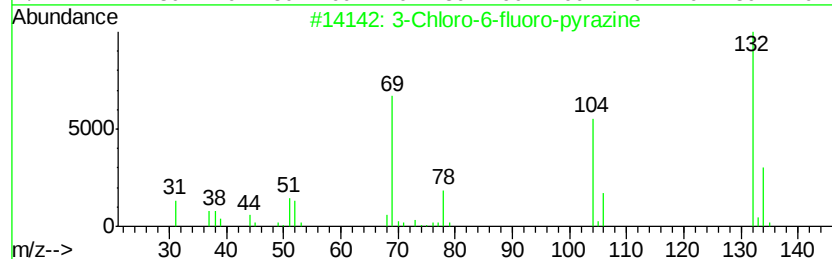
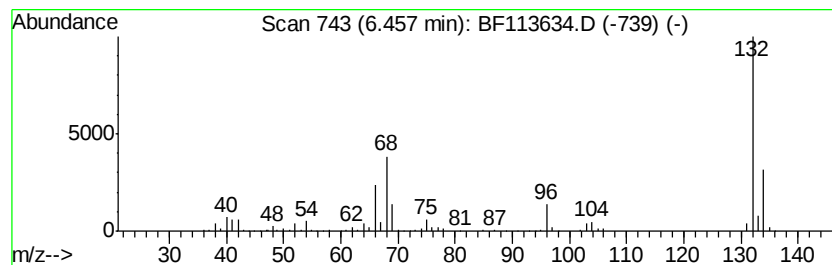
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	18.77 ng	624681	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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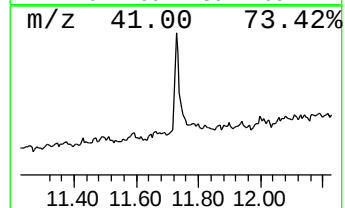
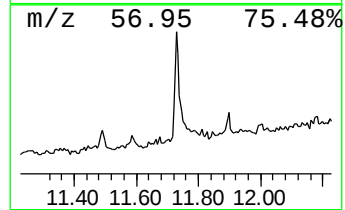
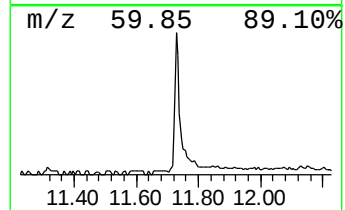
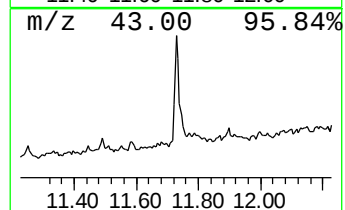
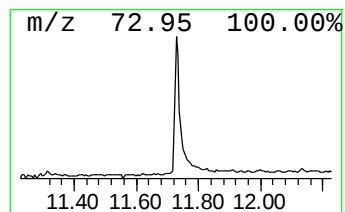
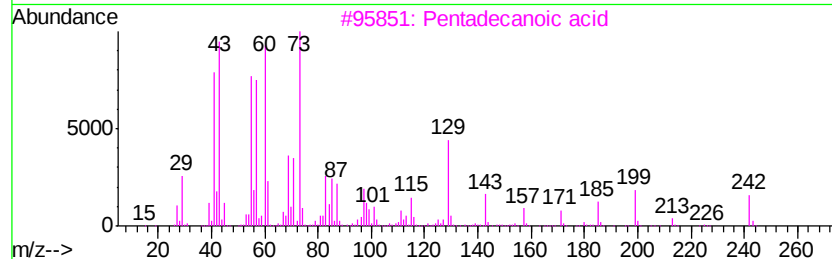
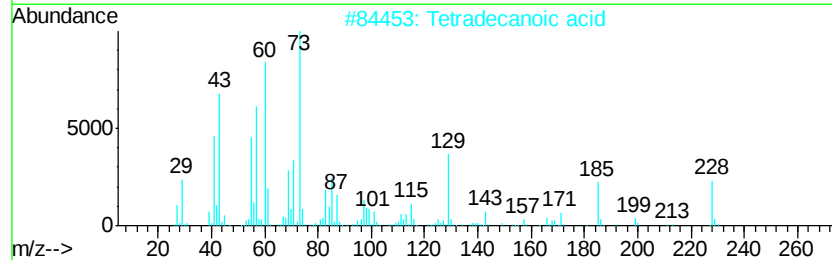
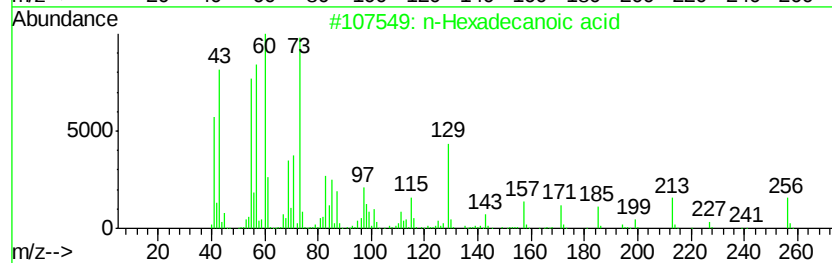
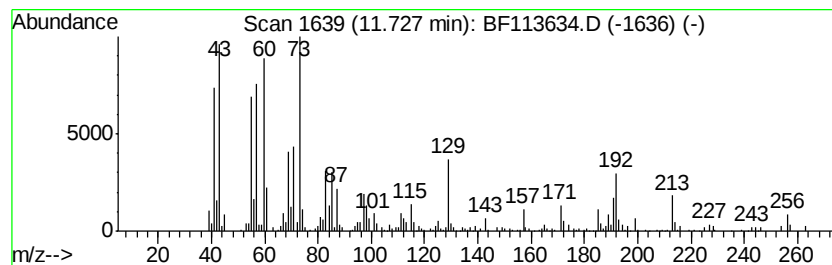
Instrument :
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ClientSampleId :
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.73	4.63 ng	227446	Phenanthrene-d10		11.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	86



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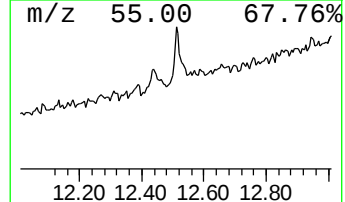
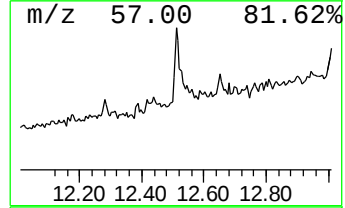
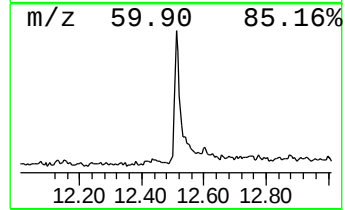
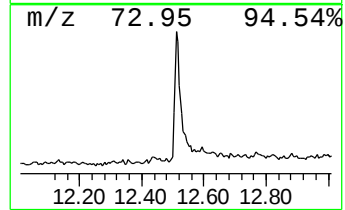
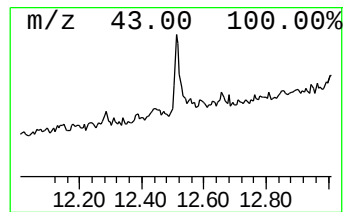
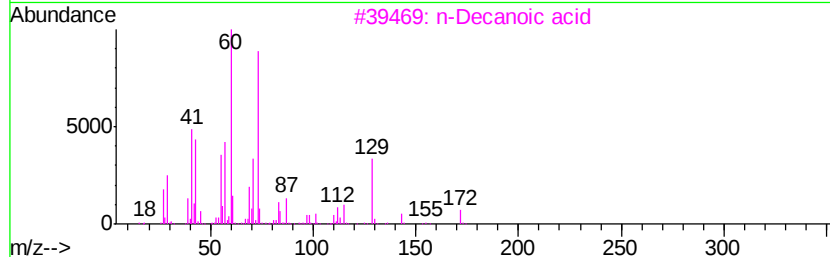
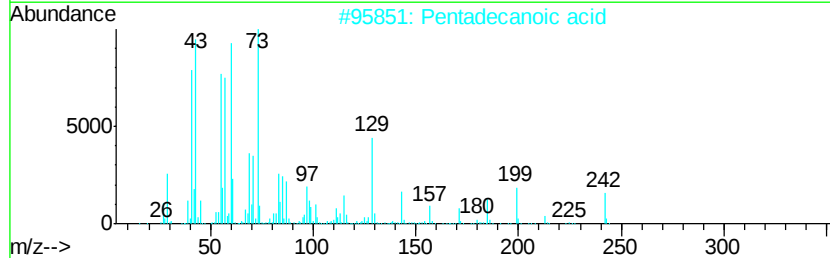
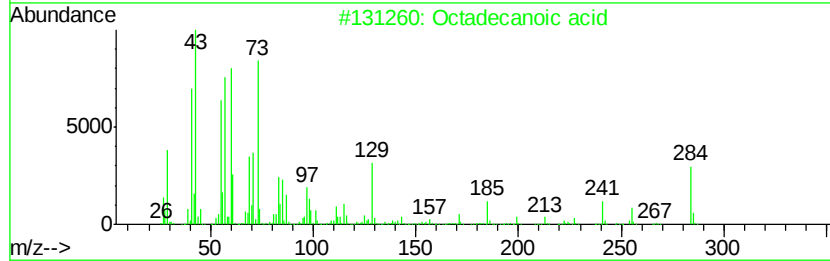
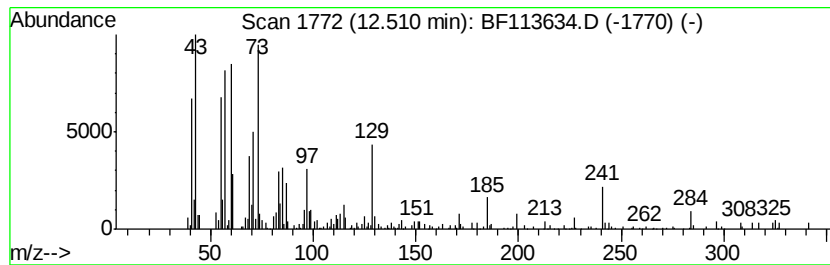
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.24 ng	144086	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		n-Decanoic acid	172	C10H20O2	000334-48-5	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		Pyrrole-2-carboxylic acid, 4-(1-...	339	C19H30ClN02	1000295-53-6	47



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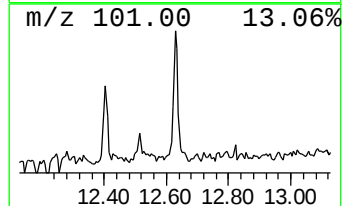
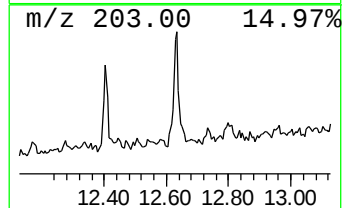
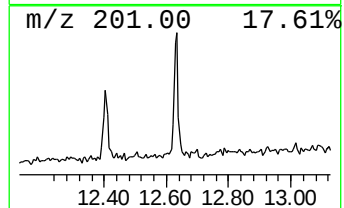
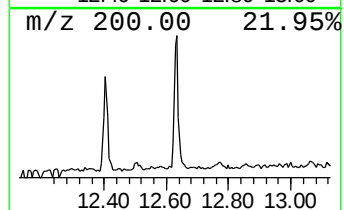
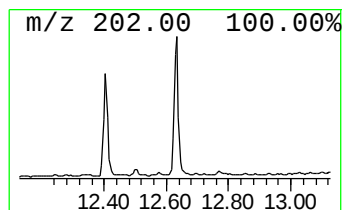
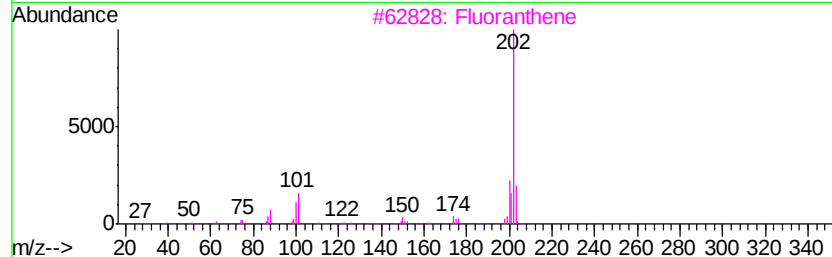
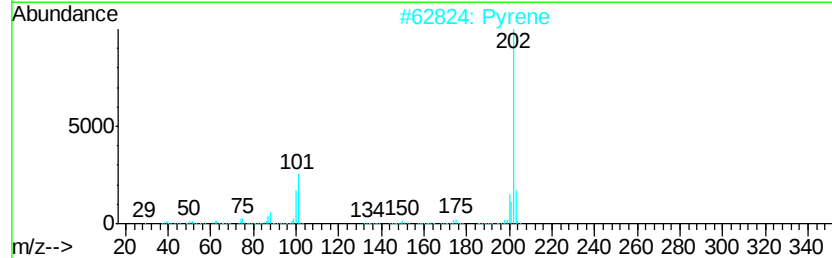
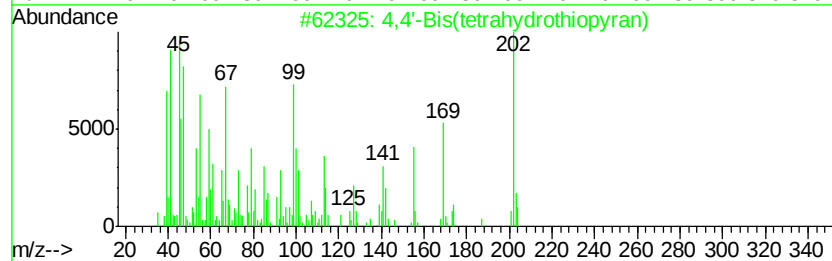
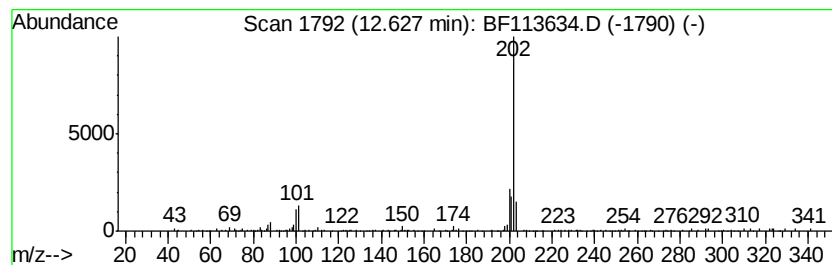
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Peak Number 5 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.06 ng	70049	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	92
2		Pyrene	202	C16H10	000129-00-0	81
3		Fluoranthene	202	C16H10	000206-44-0	74
4		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	53
5		l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	50



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
unknown6.46	6.46	18.8	ng	624681	1	6.68	665767	20.0
n-Hexadecanoic acid	11.73	4.6	ng	227446	4	11.19	981853	20.0
Octadecanoic acid	12.51	4.2	ng	144086	5	13.83	679101	20.0
4,4'-Bis(tetrahyd...	12.63	2.1	ng	70049	5	13.83	679101	20.0