

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
 Data File : BF120116.D
 Acq On : 21 Apr 2020 21:35
 Operator : MA/SJ
 Sample : L2327-32
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

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-BF040820.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	5.292	541	545	549	rBV	2724901	2520204	88.02%	12.178%
2	6.334	717	722	725	rBV	2709533	2501889	87.38%	12.089%
3	6.692	779	783	786	rBV	877042	698510	24.40%	3.375%
4	6.851	805	810	813	rBV	2237064	2076279	72.52%	10.033%
5	7.257	874	879	882	rBV	1833409	1636396	57.15%	7.907%
6	7.975	998	1001	1005	rBV	979183	880031	30.74%	4.252%
7	9.057	1181	1185	1188	rBV	3392186	2863089	100.00%	13.835%
8	9.451	1249	1252	1256	rVB	425326	339860	11.87%	1.642%
9	9.733	1296	1300	1304	rVB	1191928	908946	31.75%	4.392%
10	10.522	1430	1434	1437	rBV	1766438	1429781	49.94%	6.909%
11	11.216	1549	1552	1556	rBV	885638	770437	26.91%	3.723%
12	11.751	1640	1643	1652	rBV	114487	127696	4.46%	0.617%
13	12.539	1774	1777	1784	rBV3	37674	47897	1.67%	0.231%
14	12.692	1796	1803	1809	rBV	102597	121263	4.24%	0.586%
15	12.810	1819	1823	1826	rVB	2414139	2001467	69.91%	9.671%
16	13.715	1973	1977	1983	rBV	91607	136412	4.76%	0.659%
17	13.857	1997	2001	2006	rVB	773803	657832	22.98%	3.179%
18	14.339	2080	2083	2086	rBV	41148	36731	1.28%	0.177%
19	14.639	2131	2134	2139	rVV	49546	50330	1.76%	0.243%
20	14.704	2142	2145	2150	rVB	48321	57872	2.02%	0.280%
21	14.957	2184	2188	2192	rVB	60493	68034	2.38%	0.329%
22	15.274	2237	2242	2246	rBV	572334	636747	22.24%	3.077%
23	15.309	2246	2248	2253	rVB2	56914	63856	2.23%	0.309%
24	15.715	2314	2317	2322	rVB3	41472	63444	2.22%	0.307%

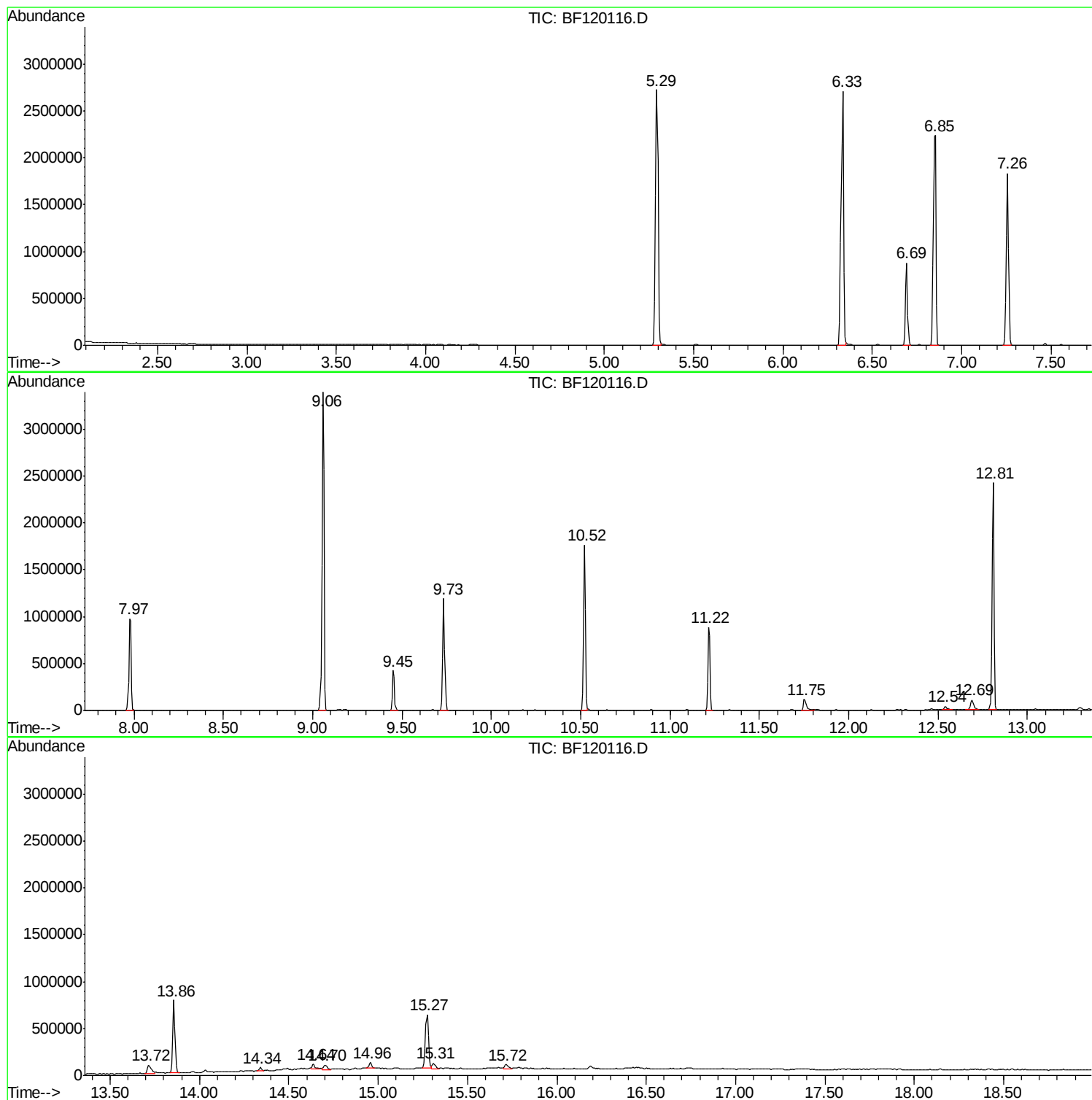
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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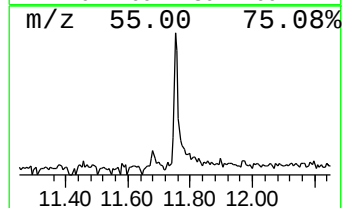
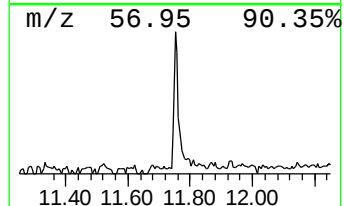
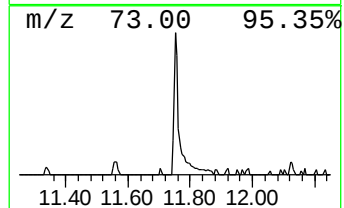
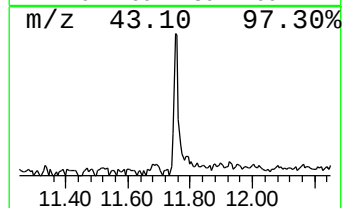
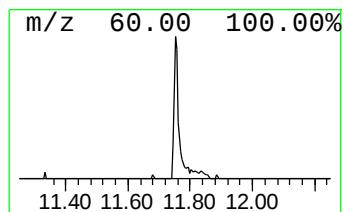
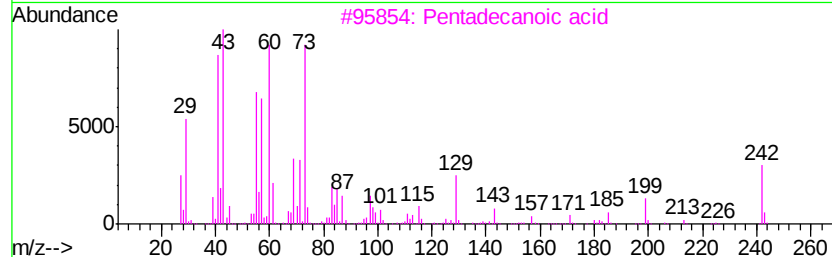
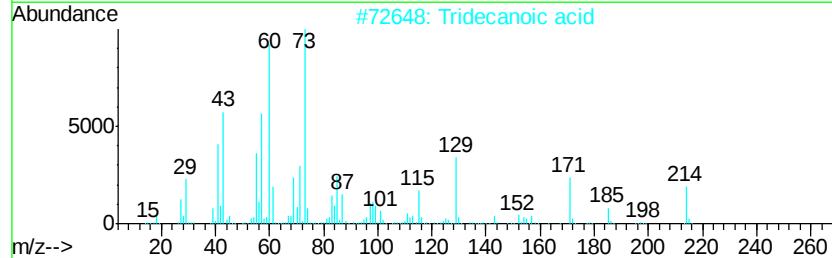
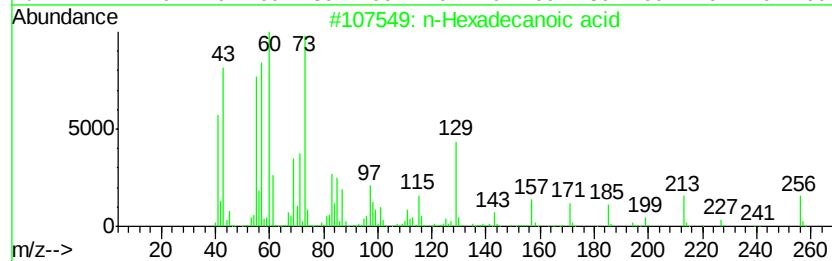
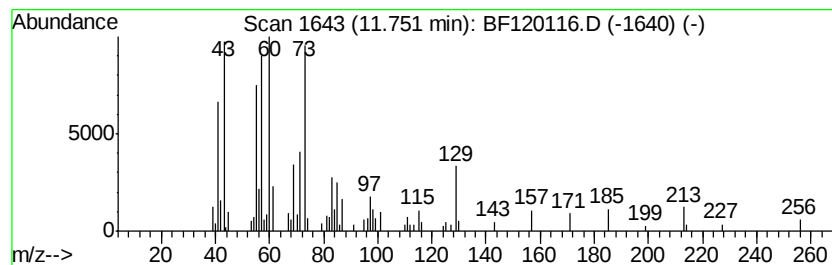
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.31 ng	127696	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Undecanoic acid	186	C11H22O2	000112-37-8	80



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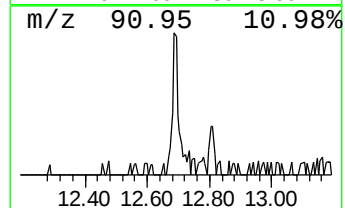
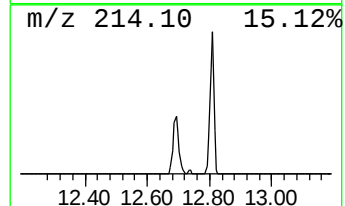
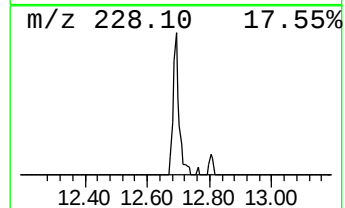
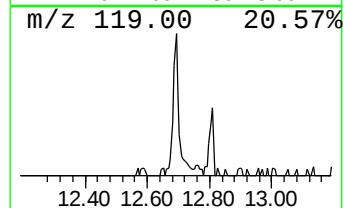
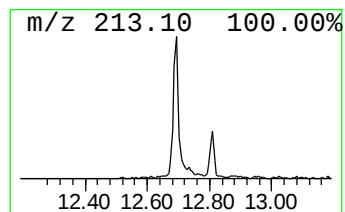
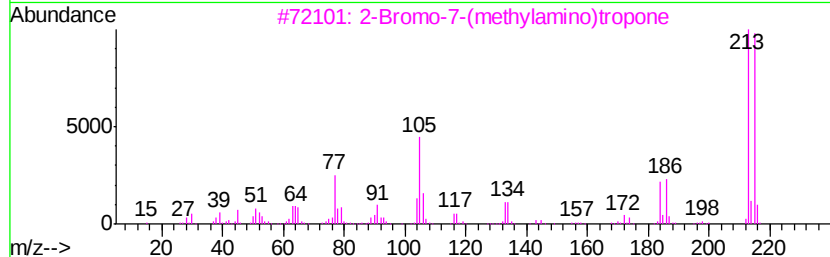
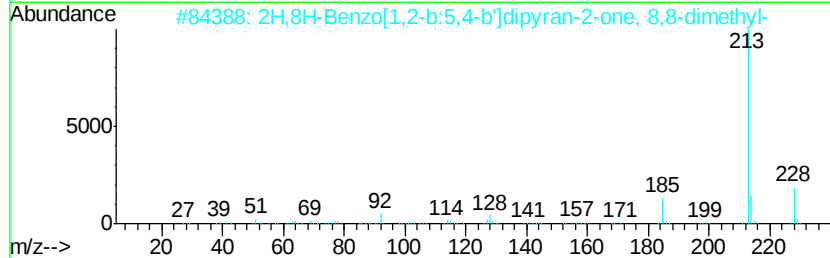
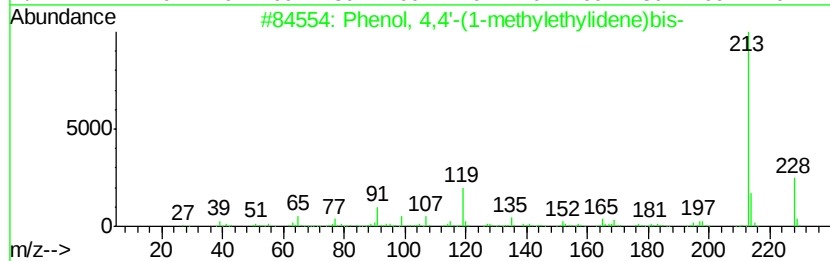
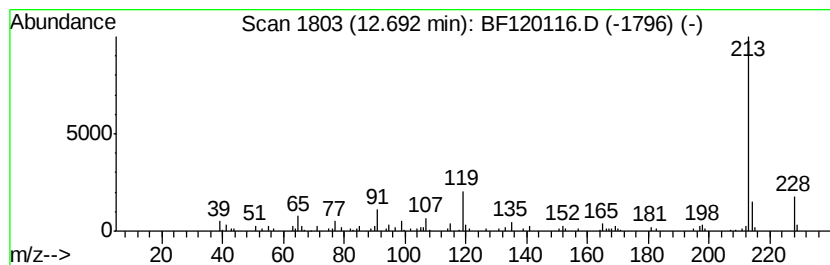
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.69	3.69 ng	121263	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyrans...	228	C14H12O3	000553-19-5	53
3	2-Bromo-7-(methylamino)troponone	213	C8H8BrNO	103539-25-9	53
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52
5	Succinic acid, di(3,5-difluorophenyl)-	342	C16H10F4O4	1000358-04-1	50



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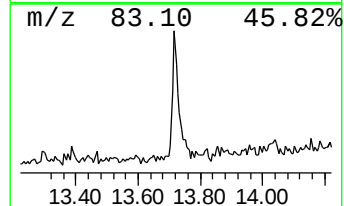
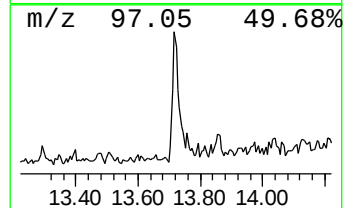
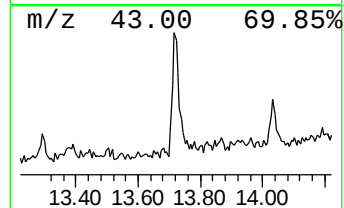
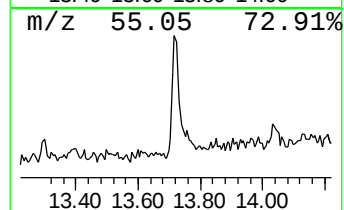
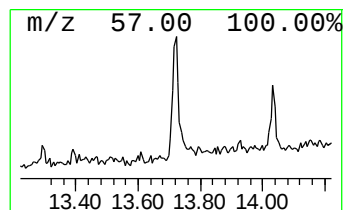
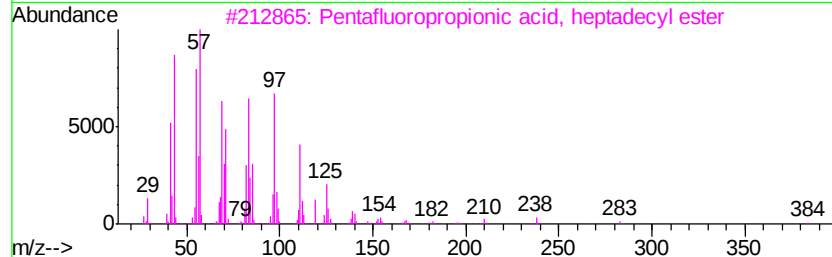
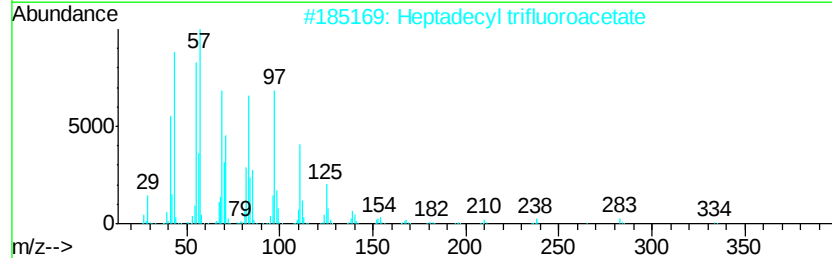
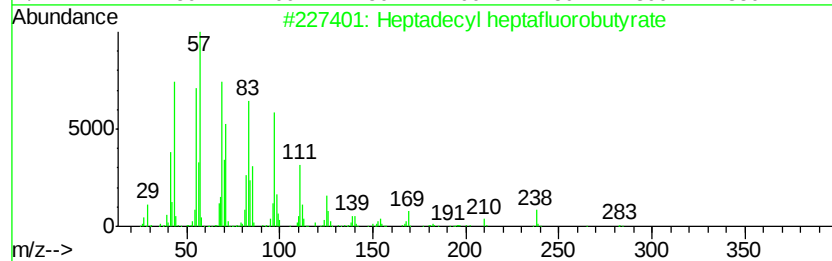
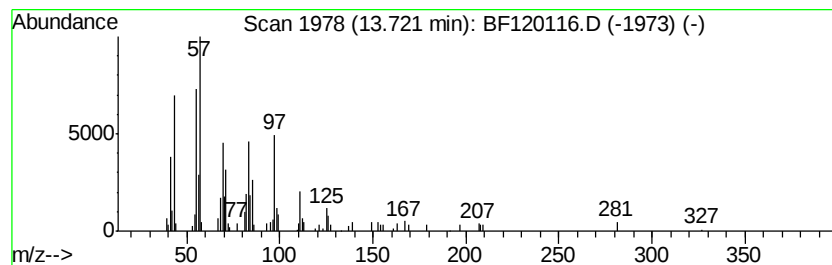
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Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.15 ng	136412	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5		1-Tricosene	322	C23H46	018835-32-0	90



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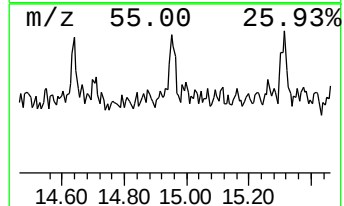
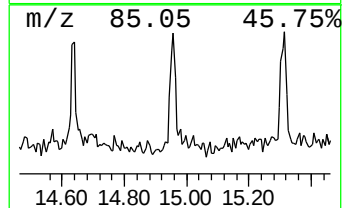
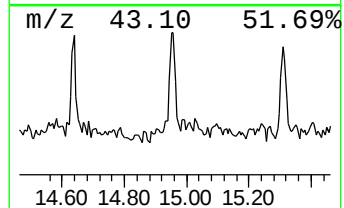
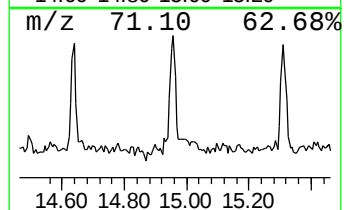
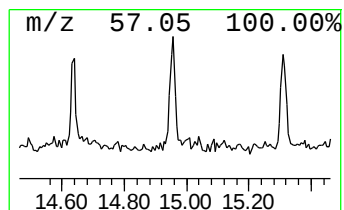
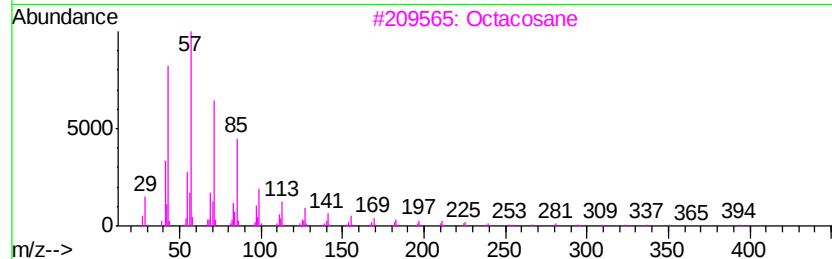
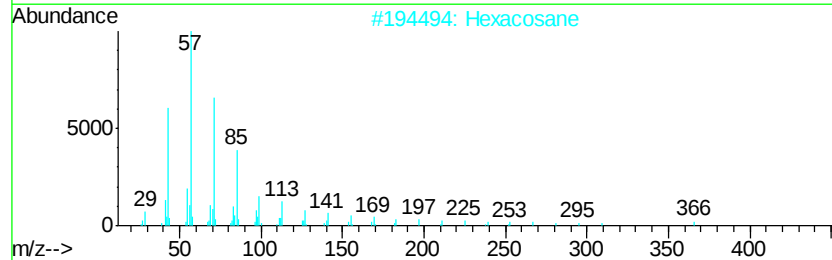
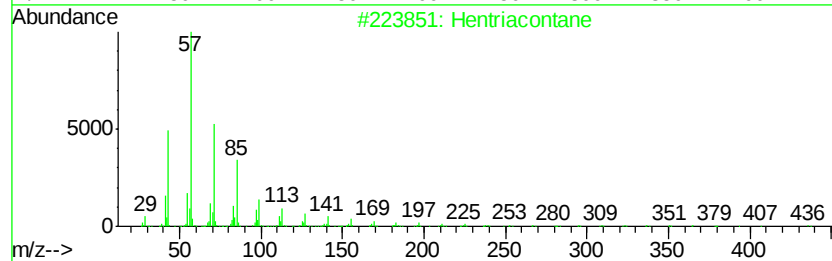
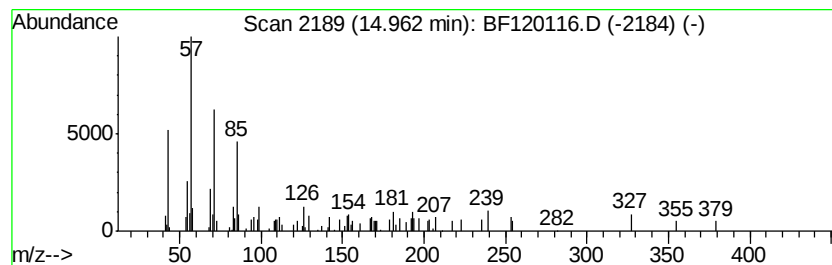
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Peak Number 5 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.14 ng	68034	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	80
2	Hexacosane		366	C26H54	000630-01-3	74
3	Octacosane		394	C28H58	000630-02-4	64
4	Hexadecane		226	C16H34	000544-76-3	64
5	Pentadecane		212	C15H32	000629-62-9	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.75	3.3	ng	127696	4	11.22	770437	20.0
Phenol, 4,4'-(1-m...	12.69	3.7	ng	121263	5	13.86	657832	20.0
Heptadecyl heptaf...	13.72	4.2	ng	136412	5	13.86	657832	20.0
Hentriacontane	14.96	2.1	ng	68034	6	15.27	636747	20.0