

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126218.D
 Acq On : 16 Dec 2021 18:39
 Operator : JU/CG
 Sample : M4927-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-14

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-BF121521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126218.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.869	299	303	308	rVB	55132	72885	1.56%	0.231%
2	5.028	491	500	508	rBV	76611	100148	2.14%	0.318%
3	5.422	562	567	571	rBV	4063637	4549672	97.28%	14.437%
4	6.439	734	740	744	rBV	4283125	4676978	100.00%	14.841%
5	6.816	800	804	807	rBV	1437018	1107012	23.67%	3.513%
6	7.375	894	899	902	rBV	3242180	3006271	64.28%	9.539%
7	7.998	1002	1005	1010	rBV	466387	366951	7.85%	1.164%
8	8.098	1018	1022	1025	rBV	1909619	1515948	32.41%	4.810%
9	9.175	1200	1205	1208	rBV	4789797	4407131	94.23%	13.984%
10	9.263	1217	1220	1223	rBV2	74287	70866	1.52%	0.225%
11	9.657	1282	1287	1295	rBV	129244	135739	2.90%	0.431%
12	9.851	1316	1320	1323	rBV	1857485	1474454	31.53%	4.679%
13	10.263	1387	1390	1393	rBV2	93806	84407	1.80%	0.268%
14	10.633	1449	1453	1457	rBV	2379362	2115619	45.23%	6.713%
15	11.304	1563	1567	1569	rBV	92590	81678	1.75%	0.259%
16	11.333	1569	1572	1575	rVV	1457939	1178465	25.20%	3.739%
17	11.404	1578	1584	1586	rBV3	69110	73911	1.58%	0.235%
18	11.739	1637	1641	1644	rVB	104167	94669	2.02%	0.300%
19	11.863	1659	1662	1667	rBV	157786	146248	3.13%	0.464%
20	12.921	1838	1842	1845	rBV	3510112	3207378	68.58%	10.177%
21	13.404	1917	1924	1930	rBV7	23127	51024	1.09%	0.162%
22	13.821	1991	1995	2002	rBV	540501	563811	12.06%	1.789%
23	13.968	2016	2020	2023	rBV	1134504	1016479	21.73%	3.225%
24	14.457	2100	2103	2109	rBV	77752	99071	2.12%	0.314%
25	14.833	2164	2167	2170	rVB	57692	60907	1.30%	0.193%
26	15.092	2208	2211	2214	rBV	60365	62422	1.33%	0.198%
27	15.409	2260	2265	2270	rBV2	673762	817884	17.49%	2.595%
28	15.468	2272	2275	2284	rVB2	54421	77313	1.65%	0.245%
29	15.898	2344	2348	2352	rBV2	45555	74033	1.58%	0.235%
30	15.945	2352	2356	2362	rVV5	57230	94755	2.03%	0.301%
31	16.392	2430	2432	2439	rVB4	31430	49833	1.07%	0.158%
32	17.433	2606	2609	2617	rVB10	43200	80548	1.72%	0.256%

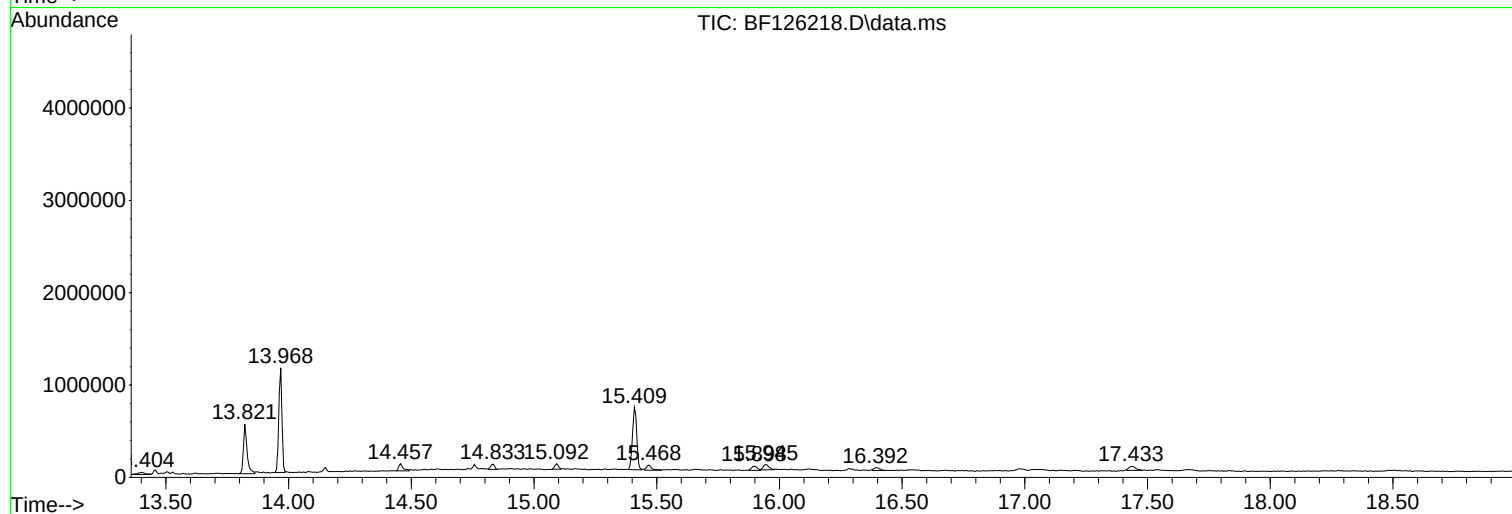
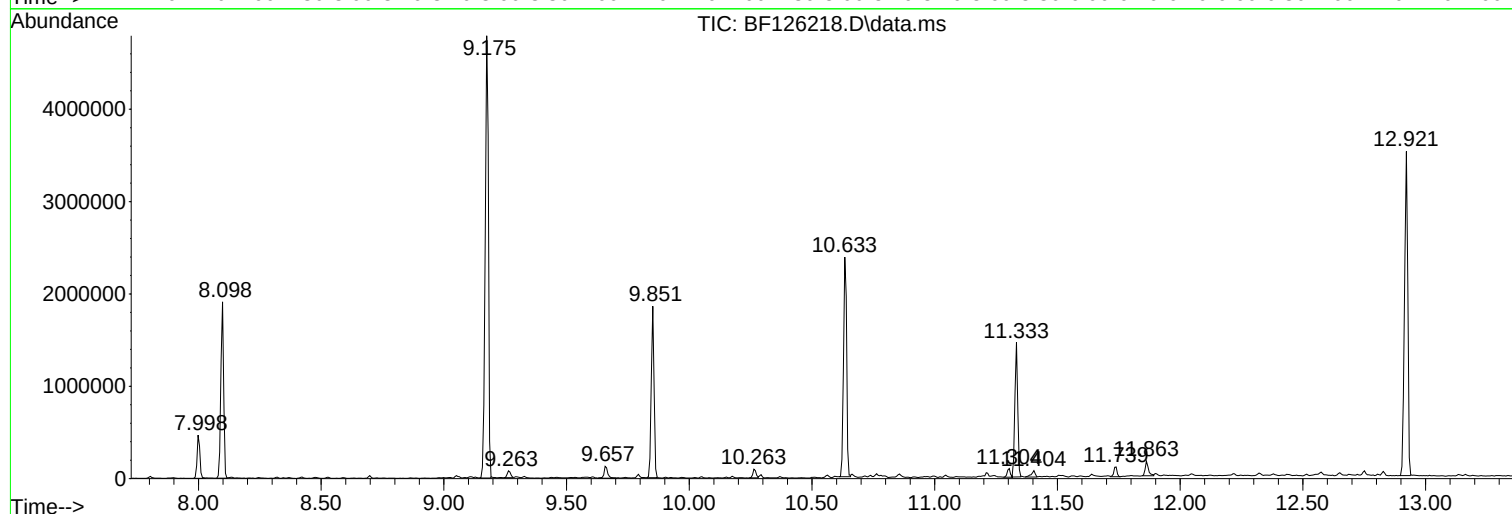
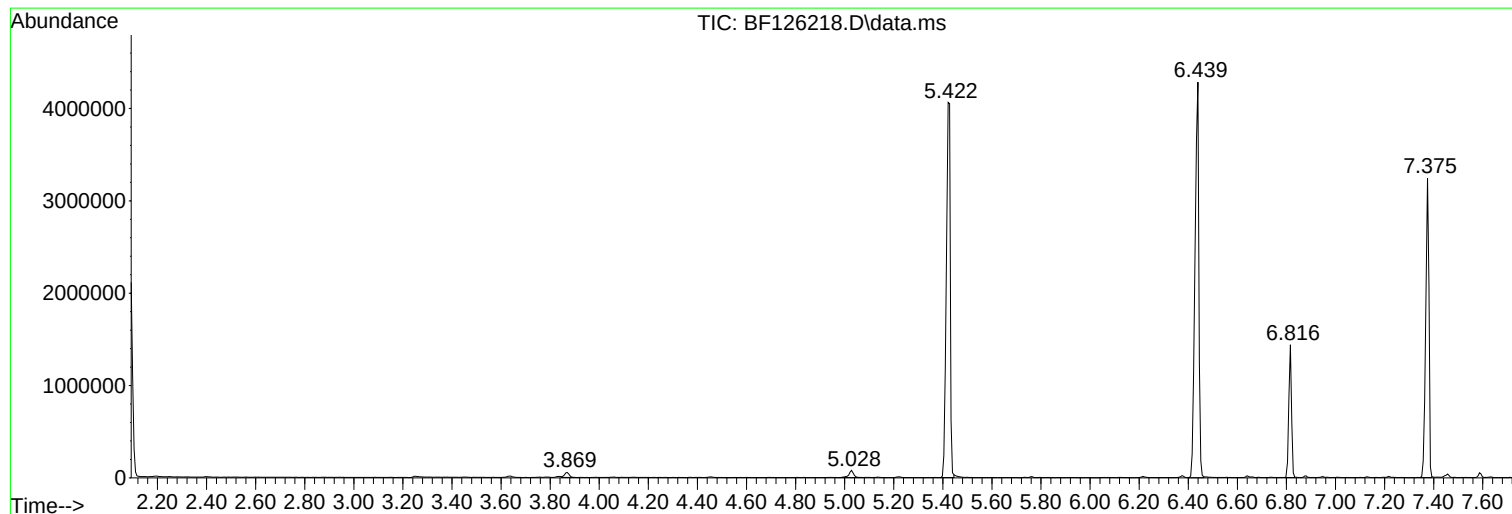
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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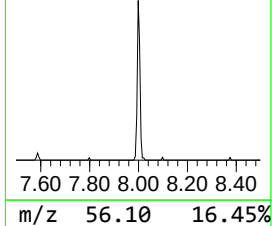
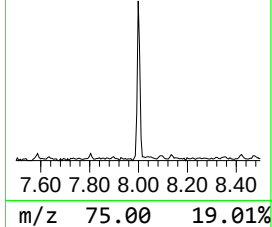
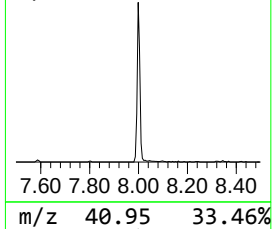
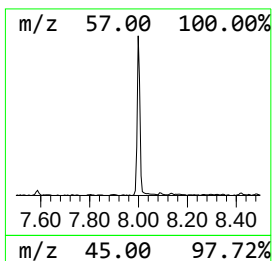
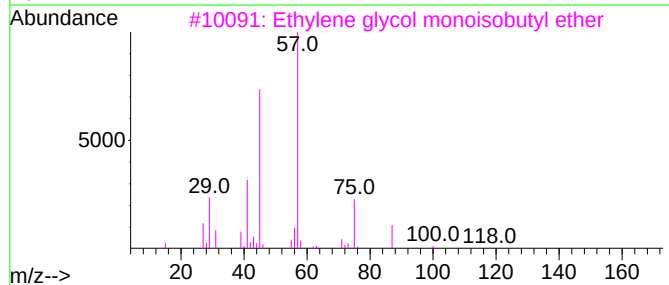
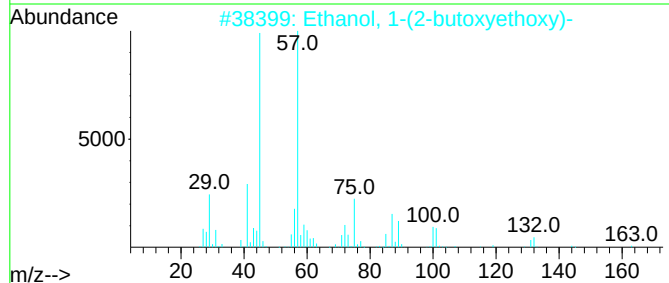
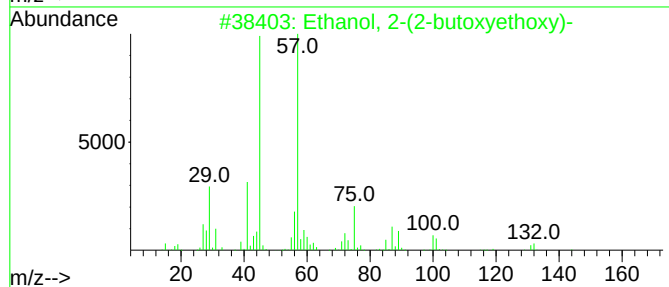
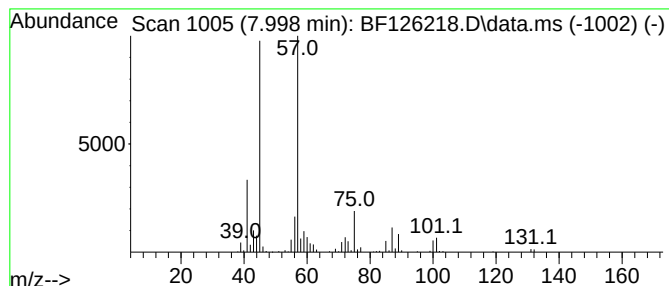
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.998	4.84 ng	366951	Naphthalene-d8	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Ethanol, 2-[2-(2-butoxyethoxy)et...]	206	C10H22O4	000143-22-6	56
5			Ethanol, 2-[2-(2-methylpropoxy)e...]	162	C8H18O3	018912-80-6	56



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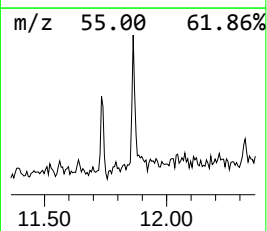
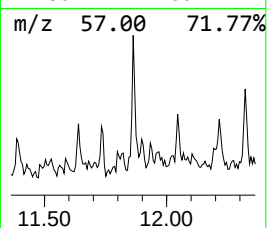
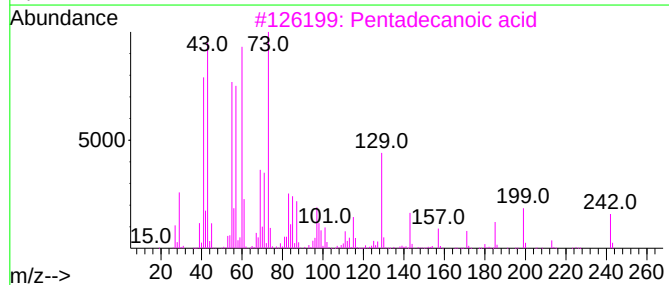
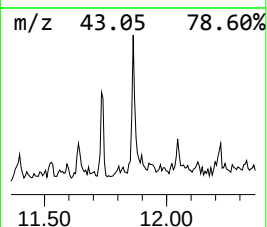
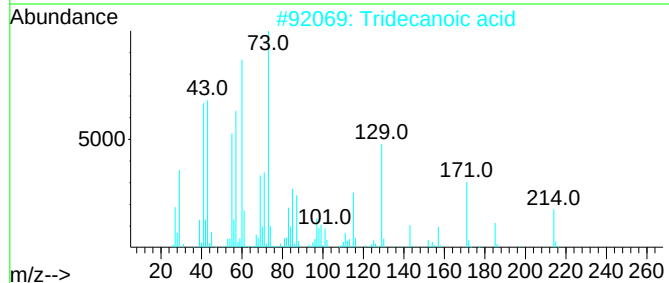
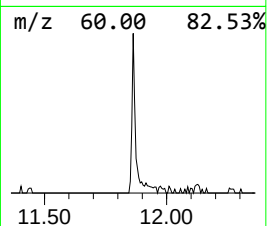
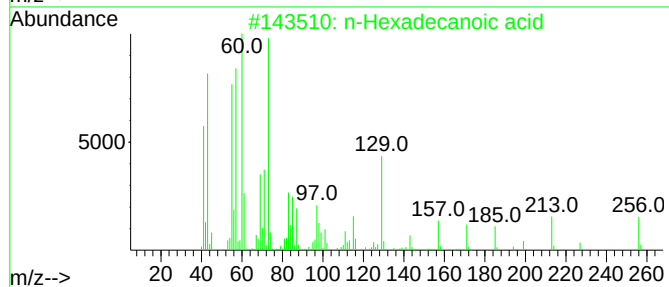
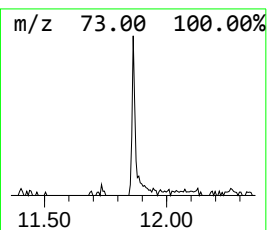
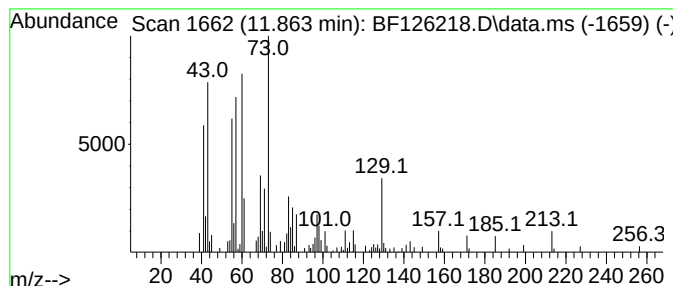
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.48 ng	146248	Phenanthrene-d10	11.333

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	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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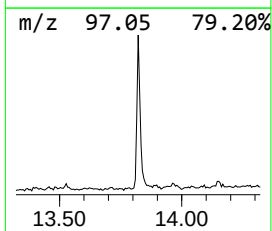
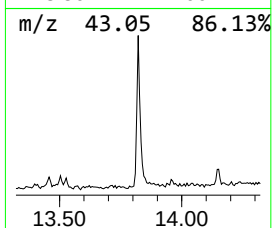
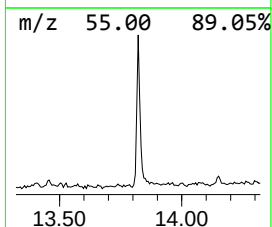
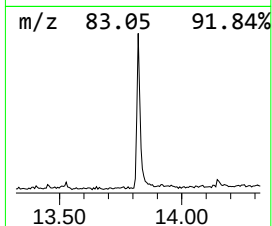
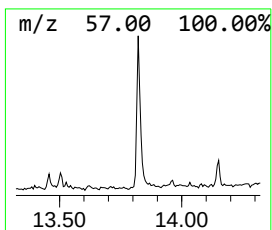
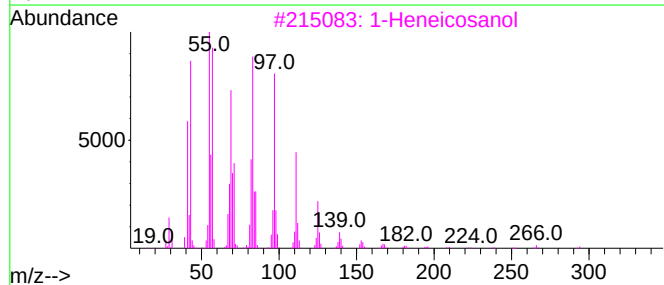
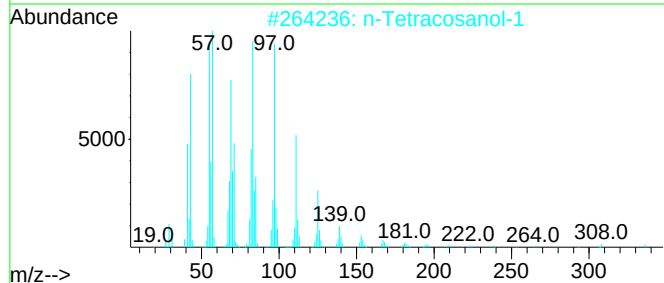
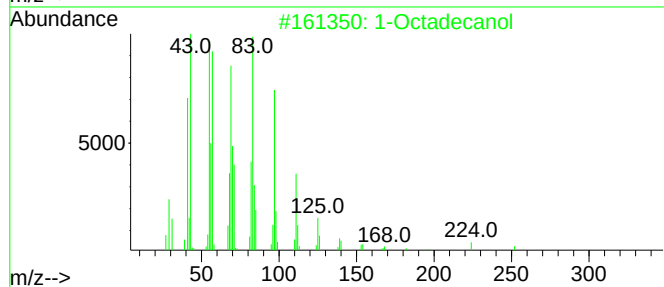
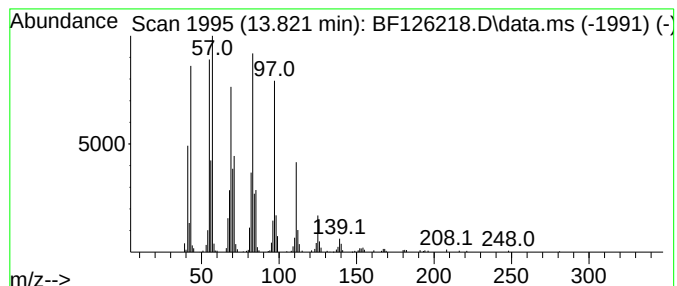
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Peak Number 3 1-Octadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	11.09 ng	563811	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanol	270	C18H38O	000112-92-5	95
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	94
4			Behenic alcohol	326	C22H46O	000661-19-8	94
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	94



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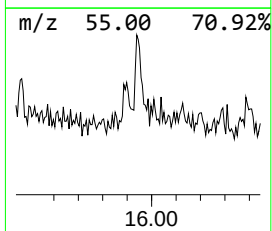
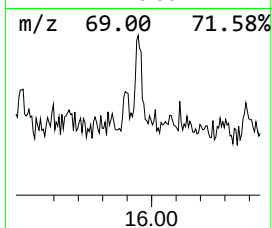
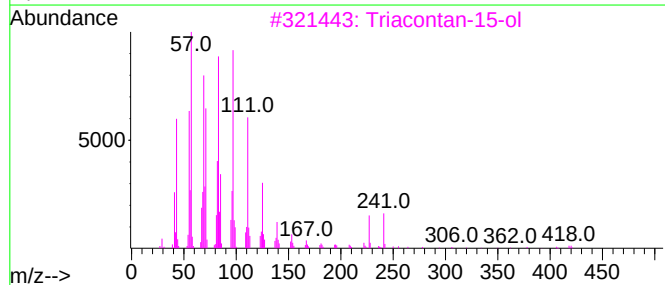
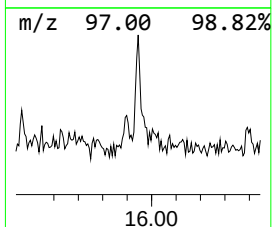
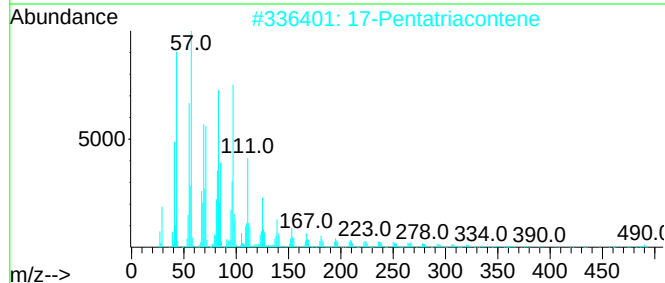
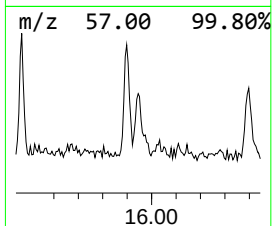
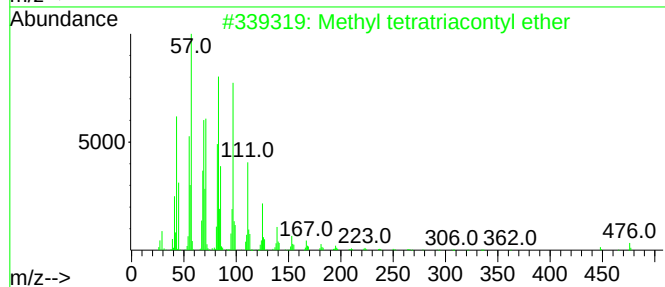
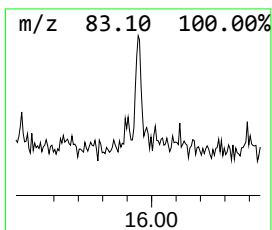
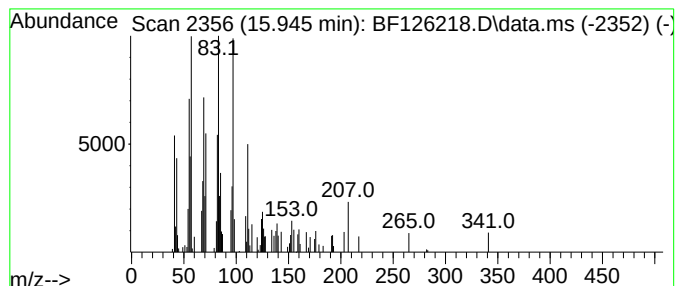
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Peak Number 4 Methyl tetratriacontyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	2.32 ng	94755	Perylene-d12	15.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	81
2			17-Pentatriacontene	491	C35H70	006971-40-0	80
3			Triacontan-15-ol	438	C30H62O	031849-26-0	72
4			1-Heptacosanol	396	C27H56O	002004-39-9	68
5			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	7.998	4.8	ng	366951	2	8.098	1515950	20.0
n-Hexadecanoic ...	11.863	2.5	ng	146248	4	11.333	1178470	20.0
1-Octadecanol	13.821	11.1	ng	563811	5	13.968	1016480	20.0
Methyl tetratri...	15.945	2.3	ng	94755	6	15.410	817884	20.0