

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136438.D
 Acq On : 06 Dec 2023 20:24
 Operator : CG\JU
 Sample : 05602-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3

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: BF136438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	15	19	24	rVB	27740	35688	1.54%	0.247%
2	5.040	497	502	510	rVB	56981	74372	3.22%	0.516%
3	5.440	565	570	573	rBV	2209677	2202688	95.30%	15.269%
4	6.434	734	739	742	rBV	1991945	2032693	87.94%	14.091%
5	6.798	797	801	804	rBV	638728	489831	21.19%	3.395%
6	7.357	891	896	899	rBV	1418090	1185568	51.29%	8.218%
7	8.075	1014	1018	1021	rBV	721382	537177	23.24%	3.724%
8	9.151	1197	1201	1204	rBV	2695404	2009930	86.96%	13.933%
9	9.827	1313	1316	1320	rBV	599127	522880	22.62%	3.625%
10	10.622	1447	1451	1454	rBV	1456636	1199735	51.90%	8.316%
11	11.321	1566	1570	1573	rBV	733489	576913	24.96%	3.999%
12	11.857	1657	1661	1672	rBV2	165367	186647	8.07%	1.294%
13	12.651	1793	1796	1798	rBV4	31061	35831	1.55%	0.248%
14	12.921	1837	1842	1845	rBV	2640864	2311435	100.00%	16.023%
15	13.915	2006	2011	2015	rBV7	39974	97473	4.22%	0.676%
16	13.974	2017	2021	2024	rVB	512361	453256	19.61%	3.142%
17	14.074	2035	2038	2042	rVB	49533	59978	2.59%	0.416%
18	15.115	2212	2215	2219	rVB	72465	77709	3.36%	0.539%
19	15.457	2269	2273	2277	rVB	278378	336166	14.54%	2.330%

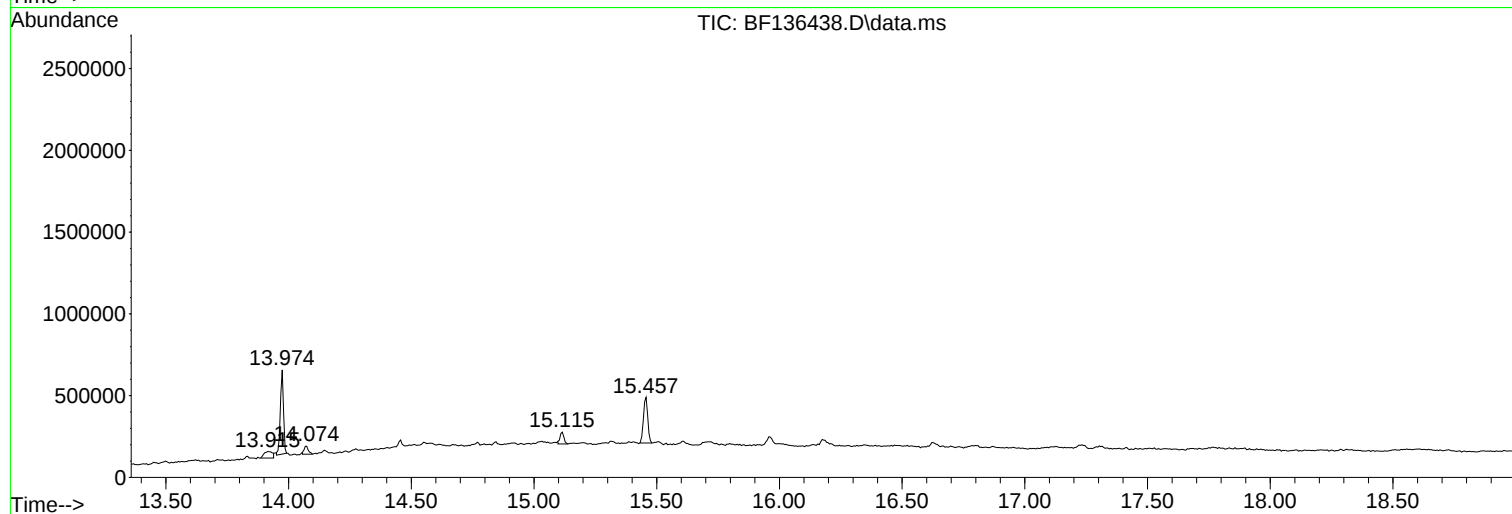
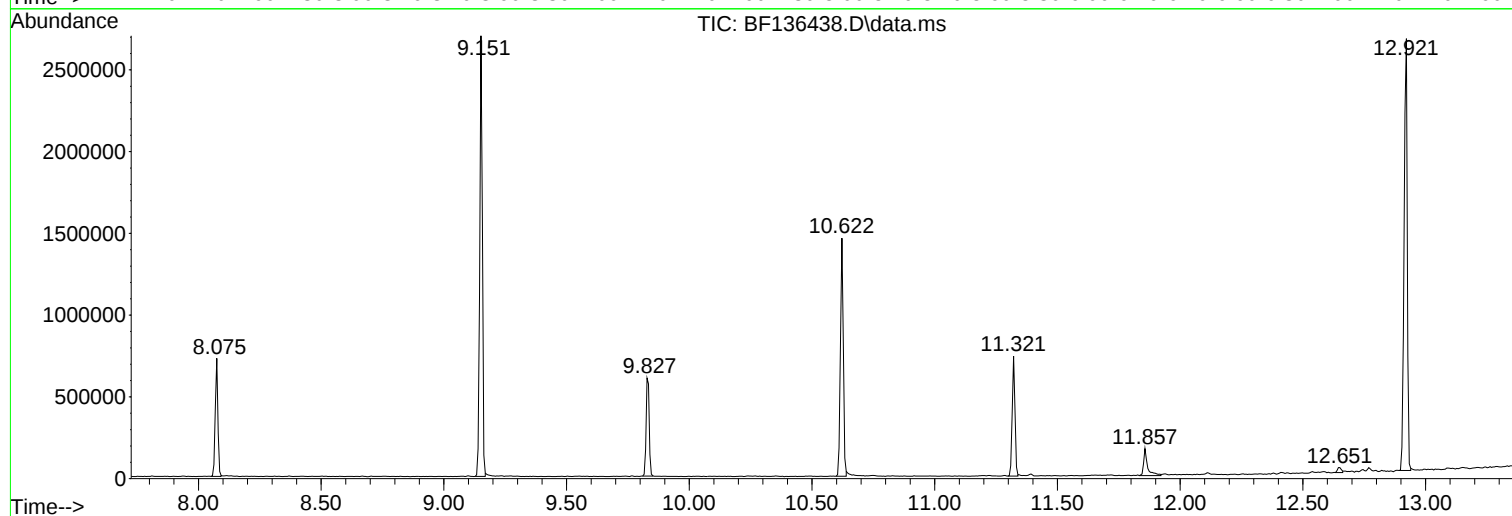
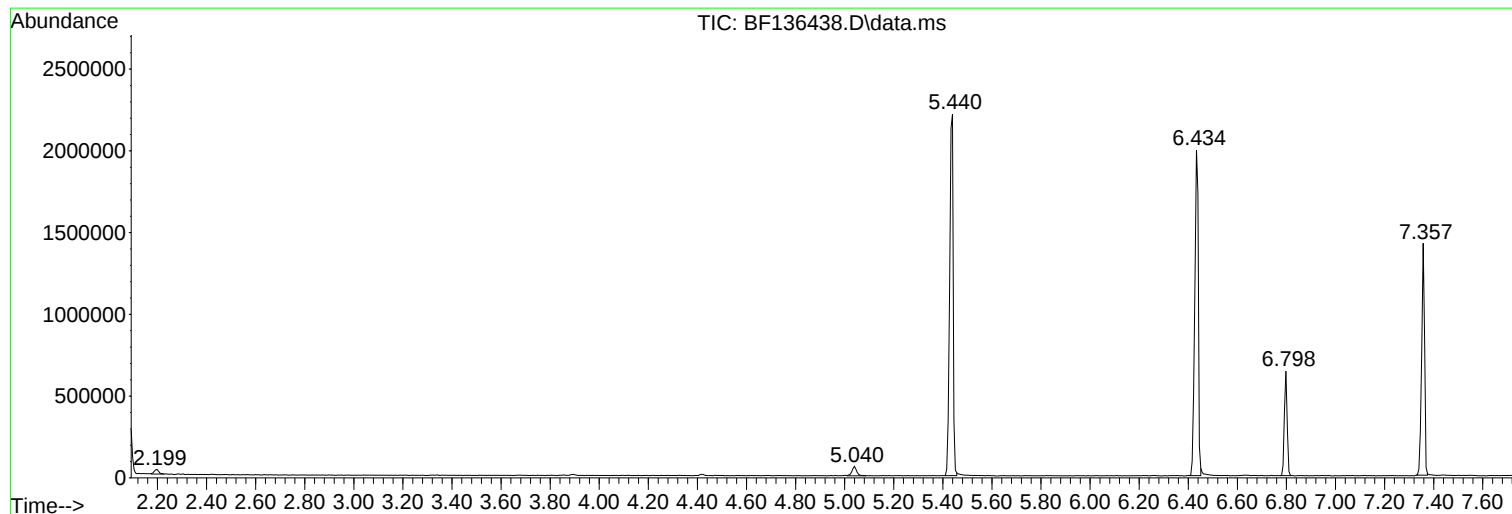
Sum of corrected areas: 14425970

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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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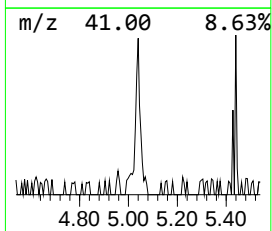
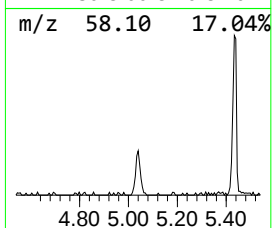
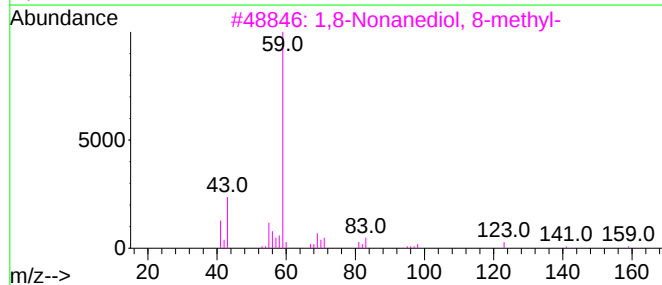
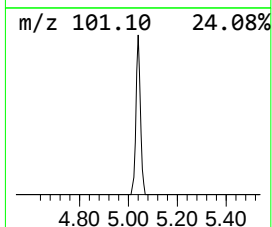
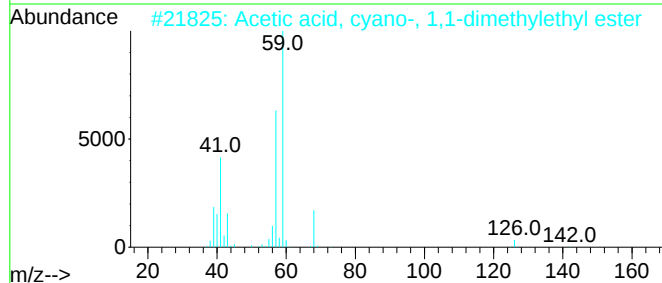
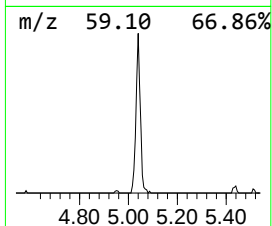
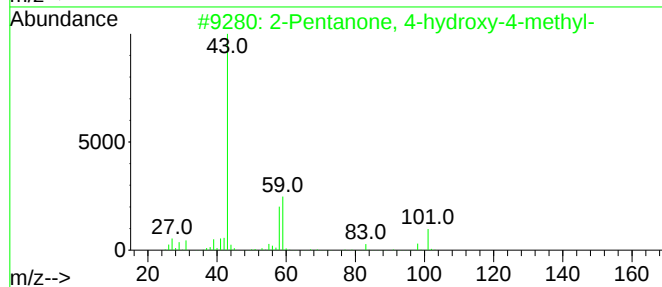
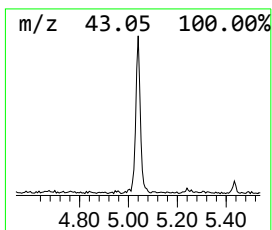
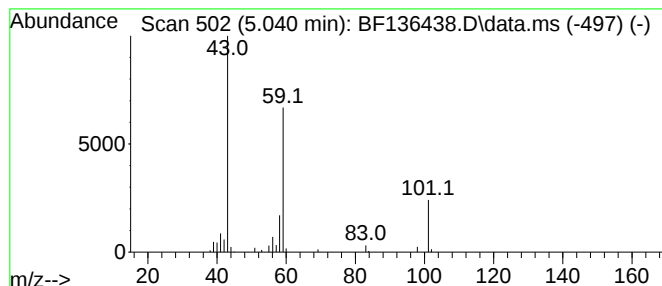
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	3.04 ng	74372	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	72		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23		
4	Guanidine	59	CH5N3	000113-00-8	9		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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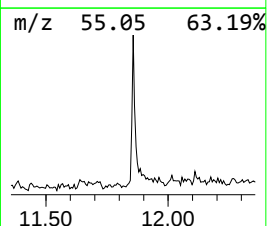
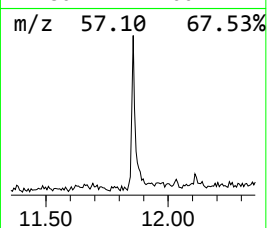
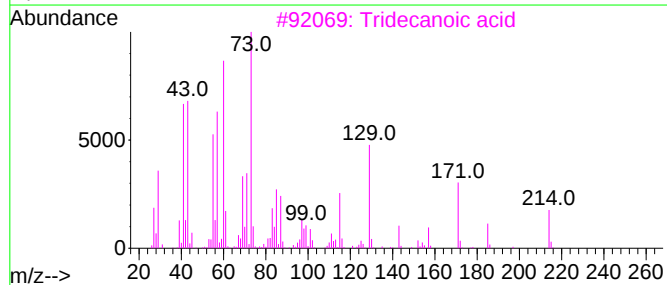
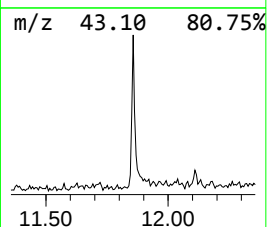
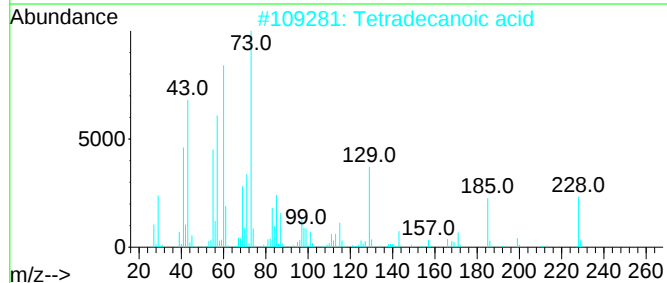
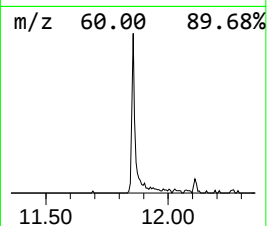
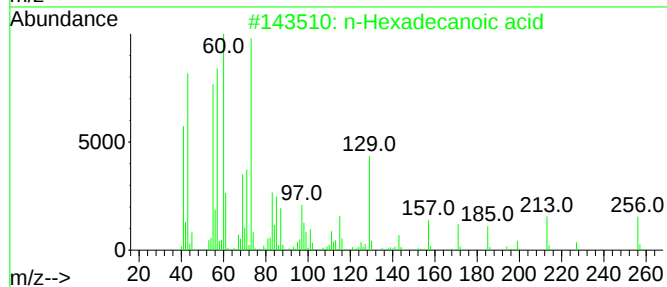
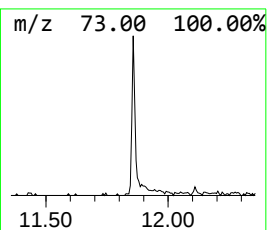
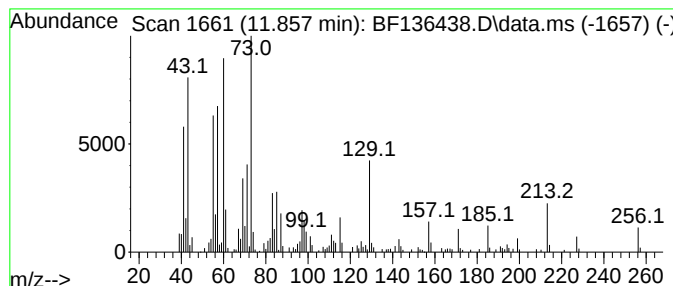
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	6.47 ng	186647	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Undecanoic acid	186	C11H22O2	000112-37-8	68



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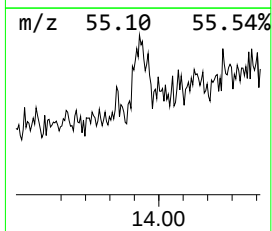
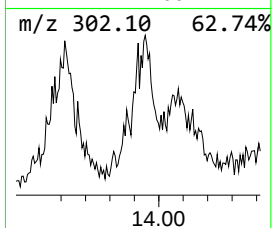
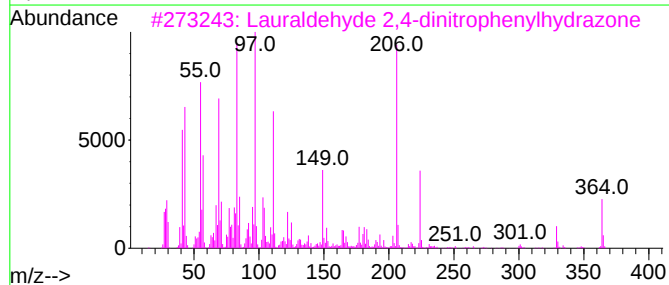
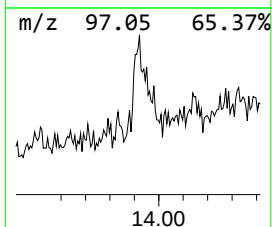
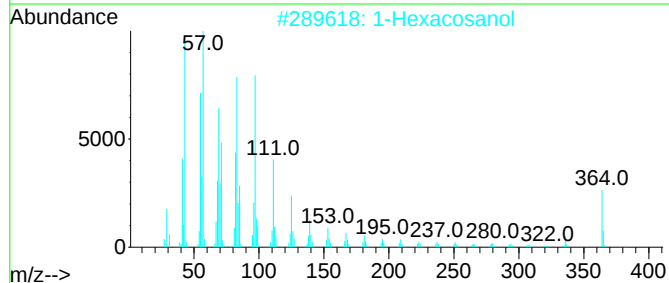
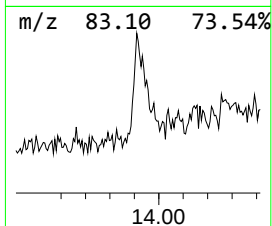
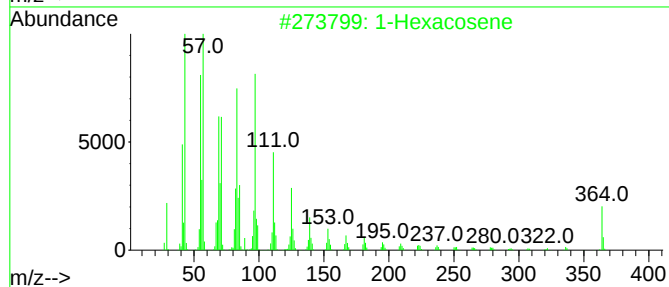
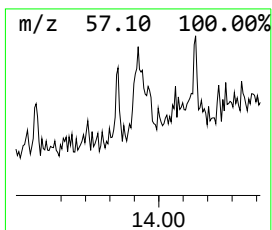
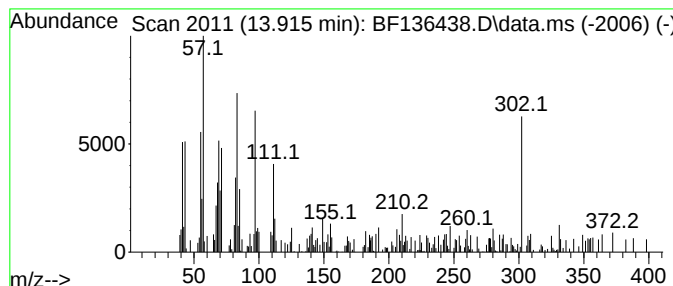
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 1-Hexacosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	4.30 ng	97473	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	60
2	1-Hexacosanol			382	C26H54O	000506-52-5	49
3	Lauraldehyde 2,4-dinitrophenylhy...			364	C18H28N4O4	001726-78-9	49
4	1-Methoxyhexacosane			396	C27H56O	237742-59-5	47
5	Fumaric acid, 3,5-difluorophenyl...			480	C28H42F2O4	1000339-38-3	47



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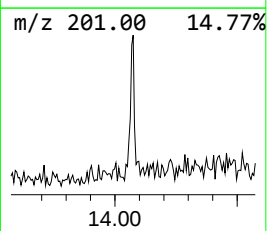
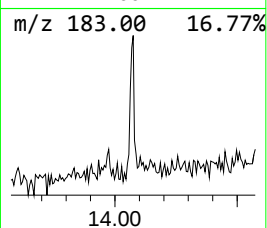
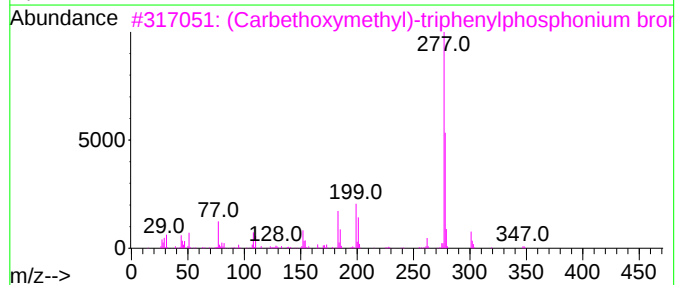
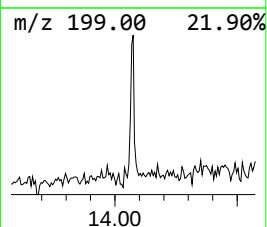
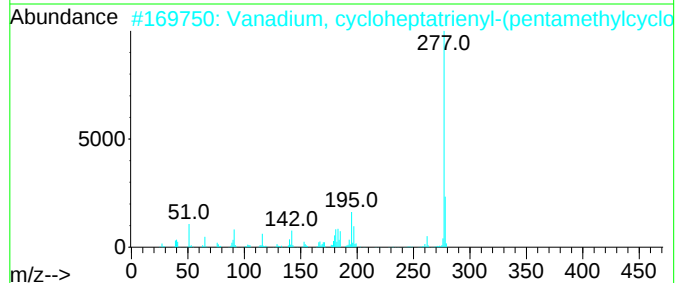
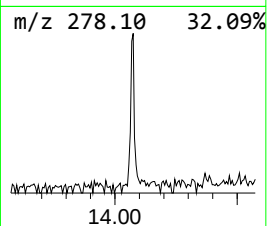
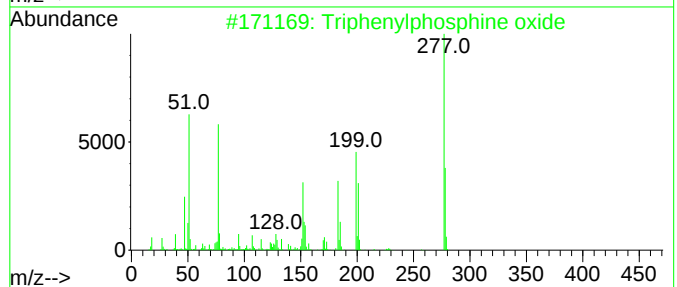
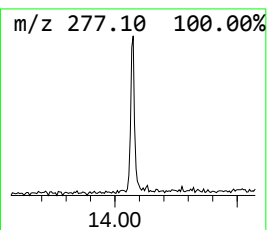
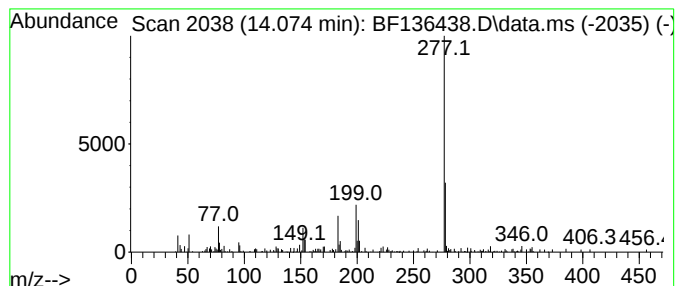
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Peak Number 4 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	2.65 ng	59978	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	58
3			(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
4			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	46
5			5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	38



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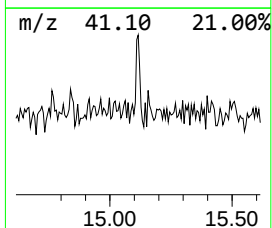
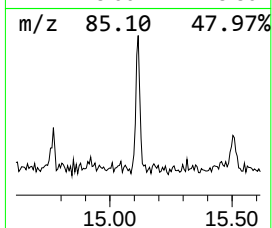
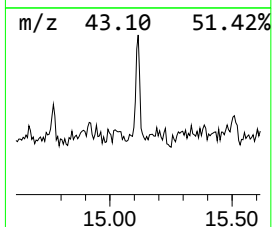
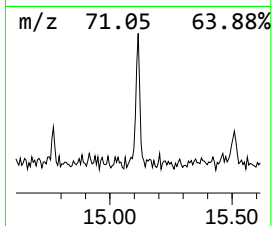
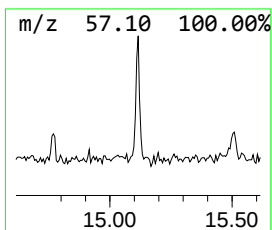
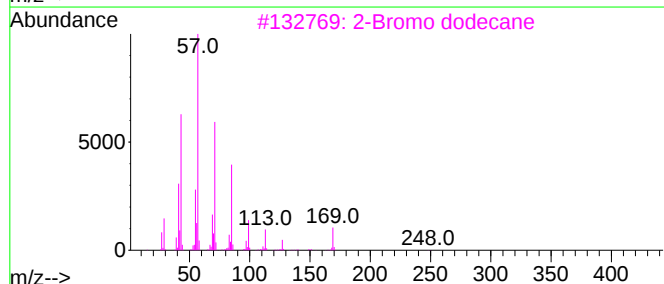
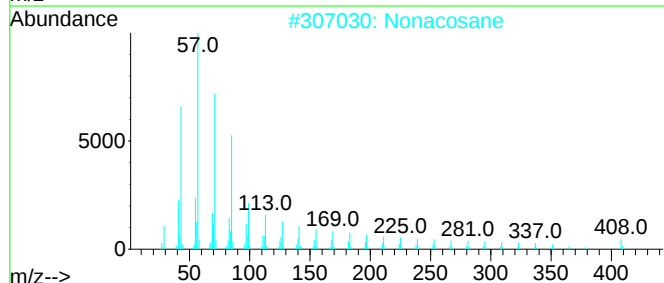
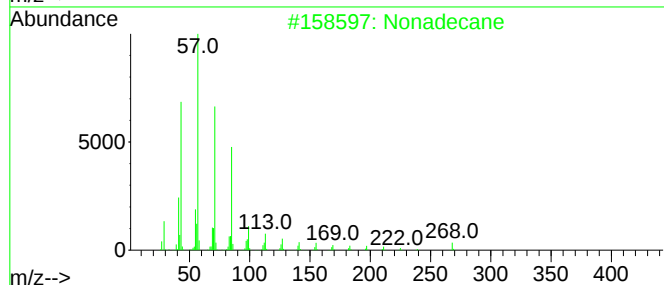
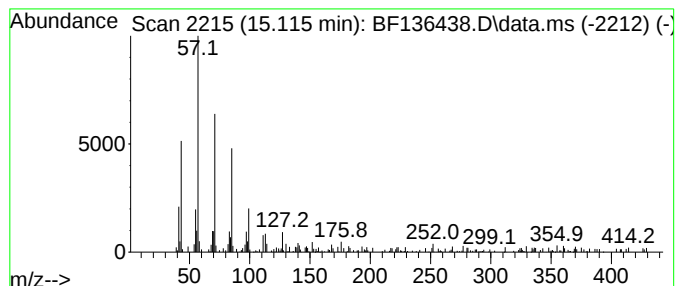
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Peak Number 5 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	4.62 ng	77709	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Nonacosane	408	C29H60	000630-03-5	87
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4			Heptacosane	380	C27H56	000593-49-7	78
5			Heneicosane	296	C21H44	000629-94-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.040	3.0	ng	74372	1	6.798	489831	20.0
n-Hexadecanoic ...	11.857	6.5	ng	186647	4	11.322	576913	20.0
1-Hexacosene	13.915	4.3	ng	97473	5	13.974	453256	20.0
Triphenylphosph...	14.074	2.6	ng	59978	5	13.974	453256	20.0
Nonadecane	15.115	4.6	ng	77709	6	15.457	336166	20.0