

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127890.D
 Acq On : 25 Apr 2022 19:52
 Operator : CG\JU
 Sample : N2526-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-5D

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.192	490	494	500	rBV	42418	54023	1.12%	0.164%
2	5.563	552	557	560	rBV	3722825	3953464	81.69%	12.009%
3	6.563	721	727	730	rBV	3662140	4071507	84.13%	12.368%
4	6.939	787	791	794	rBV	1240538	987098	20.40%	2.999%
5	7.504	881	887	890	rBV	2871103	2819646	58.26%	8.565%
6	8.222	1005	1009	1012	rBV	1501887	1281011	26.47%	3.891%
7	9.298	1187	1192	1195	rBV	4890591	4839632	100.00%	14.701%
8	9.980	1300	1308	1311	rBV	1865941	1522811	31.47%	4.626%
9	10.010	1311	1313	1318	rVB	124722	104049	2.15%	0.316%
10	10.186	1337	1343	1346	rBV	65390	65299	1.35%	0.198%
11	10.527	1398	1401	1406	rBV	75419	65031	1.34%	0.198%
12	10.774	1438	1443	1446	rBV	3116938	3086580	63.78%	9.376%
13	11.474	1558	1562	1564	rBV	1746867	1582079	32.69%	4.806%
14	11.492	1564	1565	1569	rVV	318634	235968	4.88%	0.717%
15	11.545	1569	1574	1577	rVB	80780	77058	1.59%	0.234%
16	11.986	1644	1649	1655	rBV3	141515	189887	3.92%	0.577%
17	12.086	1662	1666	1669	rBV	176338	161985	3.35%	0.492%
18	12.686	1764	1768	1771	rVV	435248	358549	7.41%	1.089%
19	12.721	1771	1774	1777	rVB	192337	159012	3.29%	0.483%
20	12.898	1801	1804	1805	rBV	56511	56984	1.18%	0.173%
21	12.915	1805	1807	1810	rVB	309407	243519	5.03%	0.740%
22	13.063	1827	1832	1835	rBV	4834903	4597418	95.00%	13.966%
23	14.062	1993	2002	2007	rBV4	106731	367286	7.59%	1.116%
24	14.115	2007	2011	2014	rVB	1159739	1001516	20.69%	3.042%
25	14.209	2022	2027	2032	rBV	152118	150476	3.11%	0.457%
26	15.627	2262	2268	2276	rBV	665043	887641	18.34%	2.696%

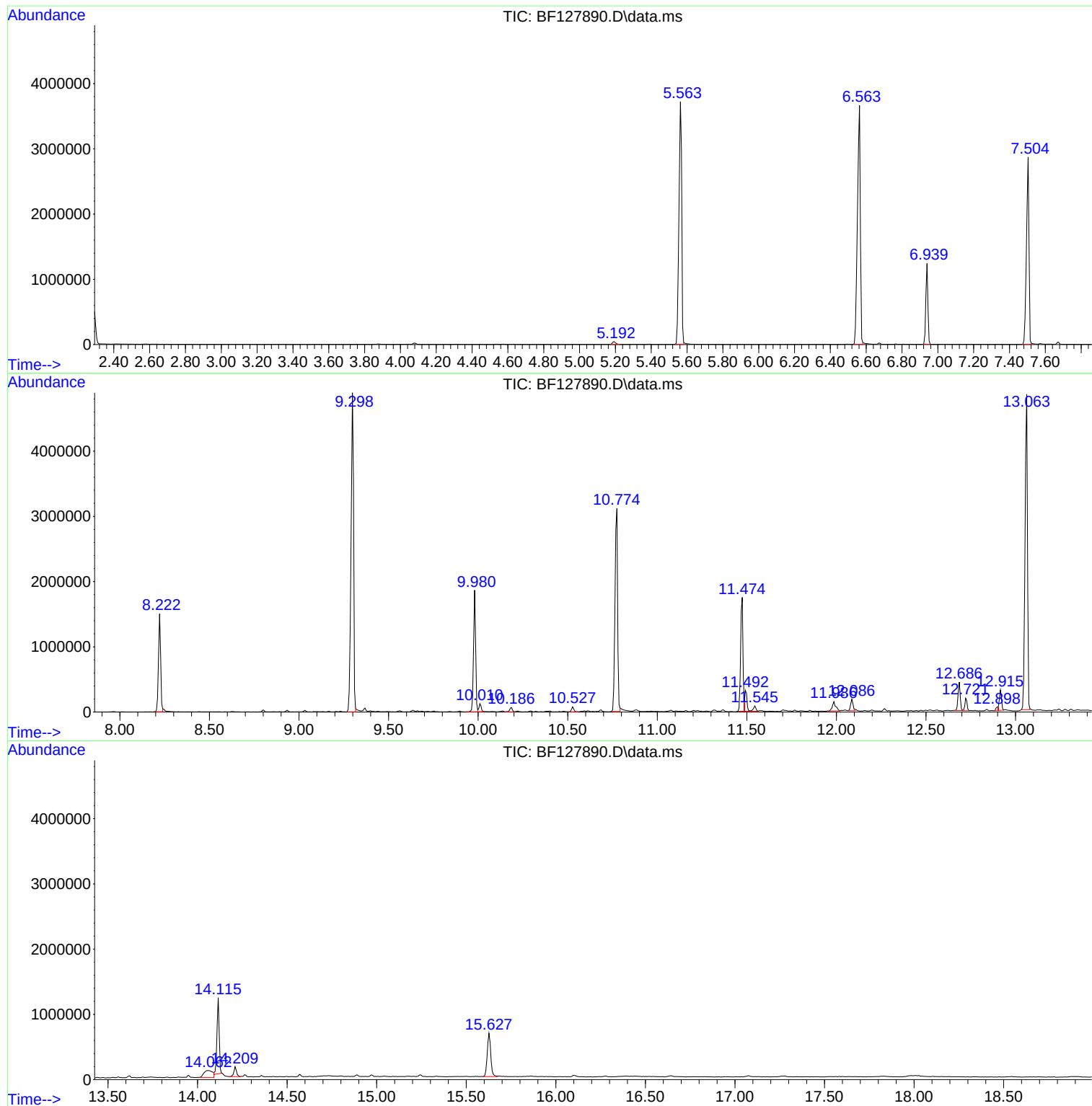
Sum of corrected areas: 32919529

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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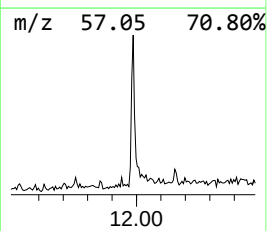
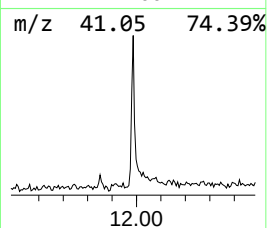
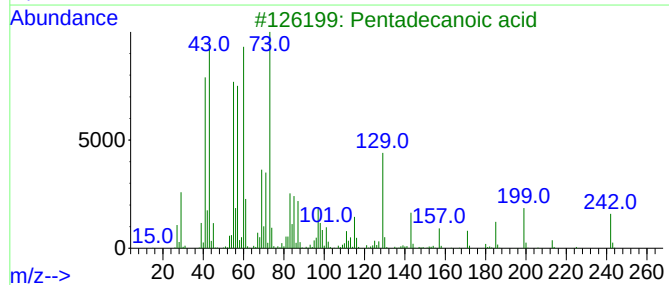
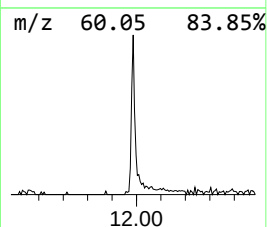
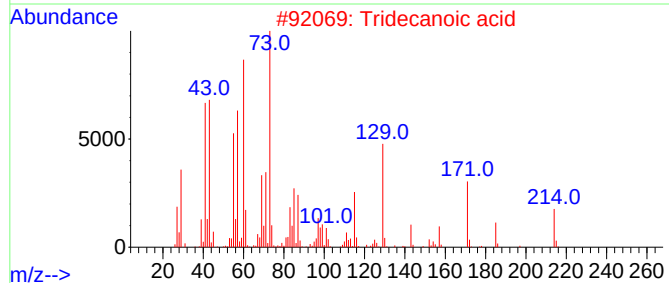
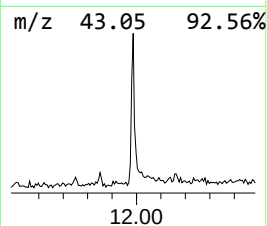
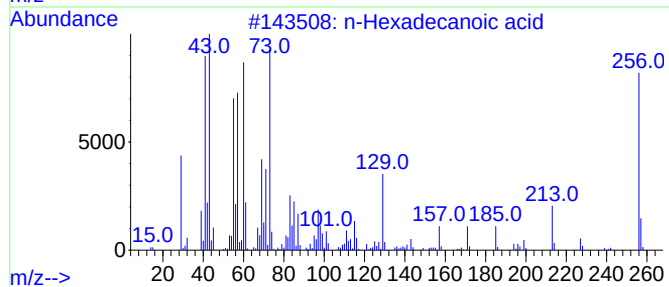
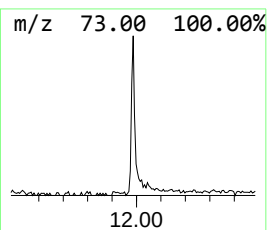
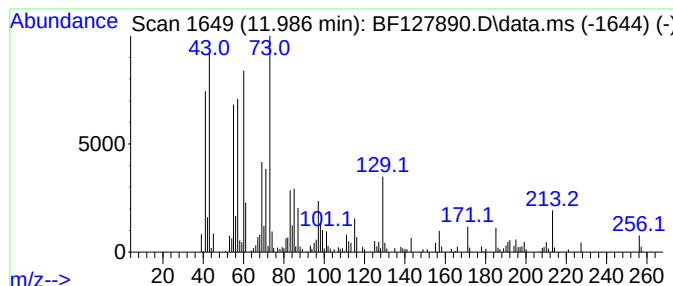
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	2.40 ng	189887	Phenanthrene-d10	11.474

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	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	70



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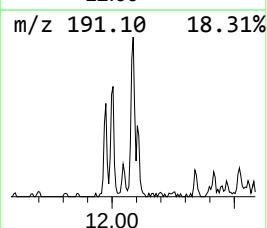
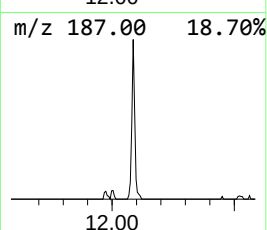
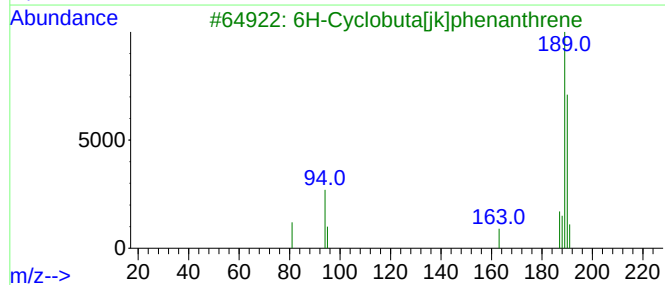
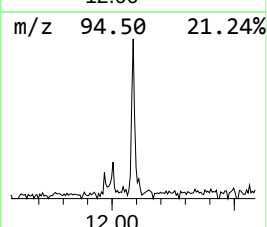
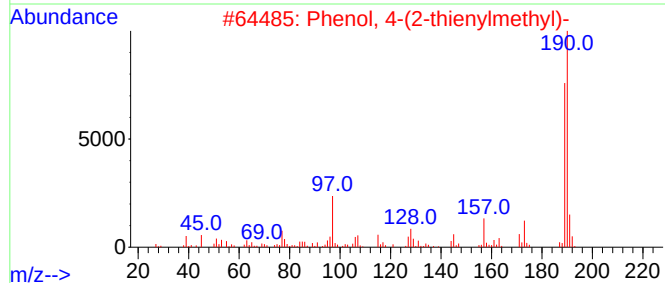
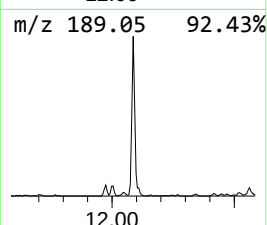
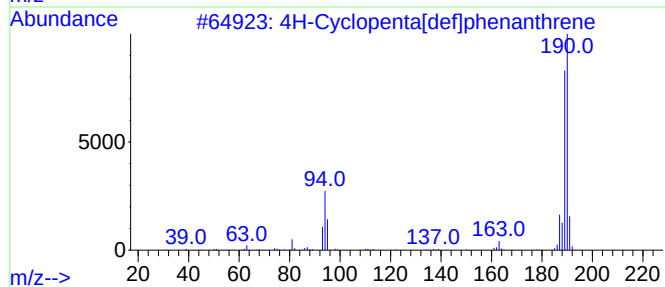
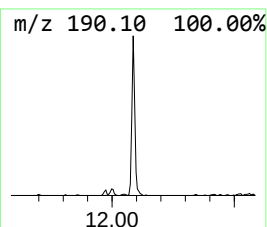
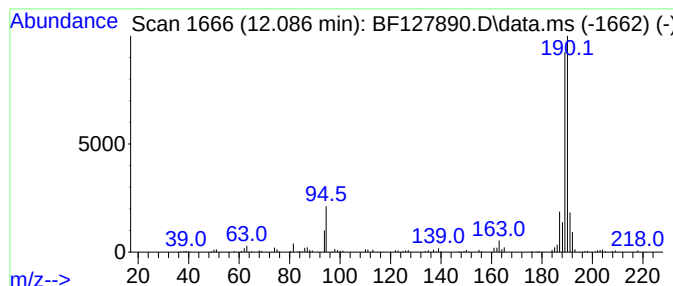
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	2.05 ng	161985	Phenanthrene-d10	11.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2			Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5			2-Propynyl 1H-purin-6-yl sulfide	190	C8H6N4S	1000486-13-9	59



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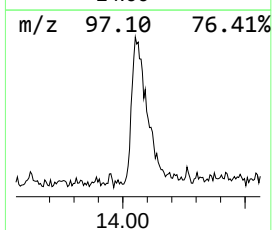
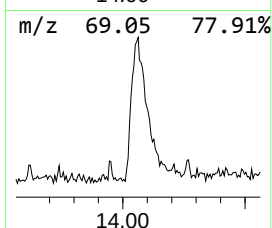
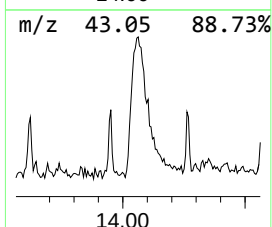
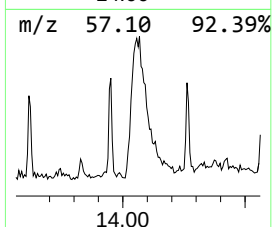
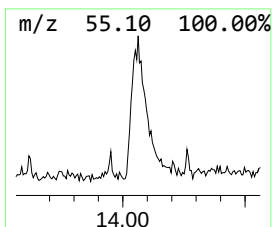
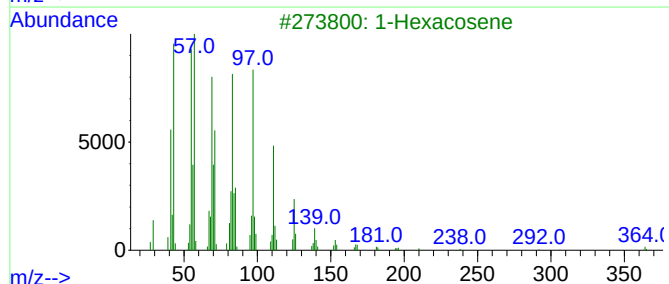
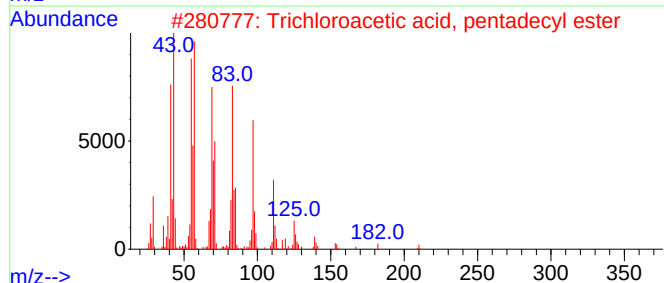
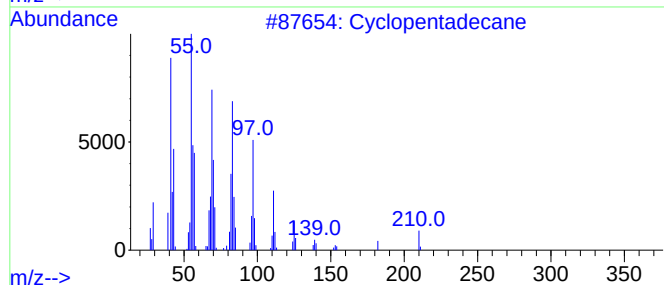
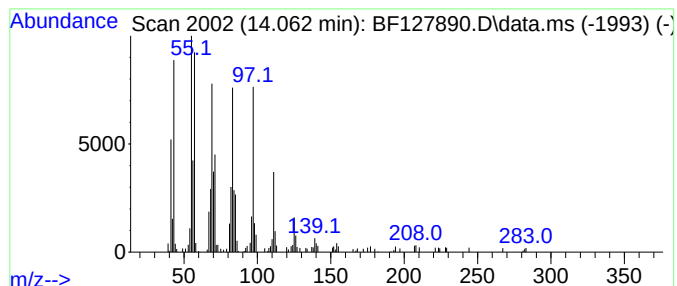
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Peak Number 3 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	7.33 ng	367286	Chrysene-d12	14.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	95
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3			1-Hexacosene	364	C26H52	018835-33-1	94
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	94



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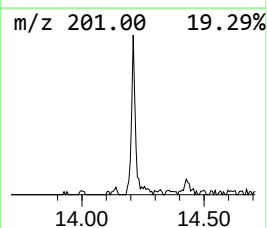
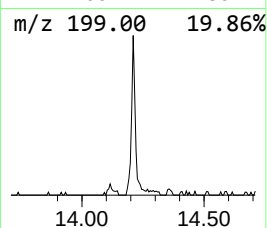
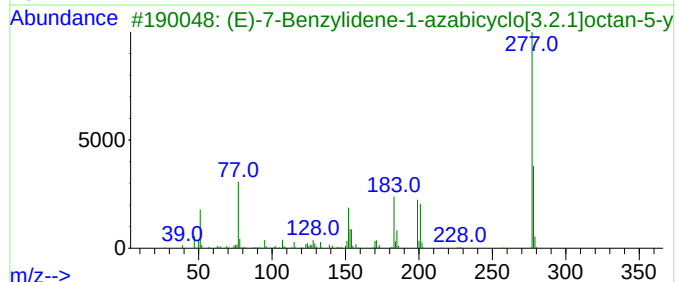
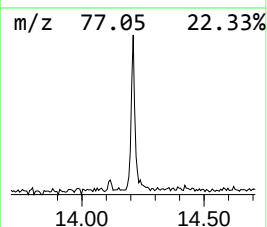
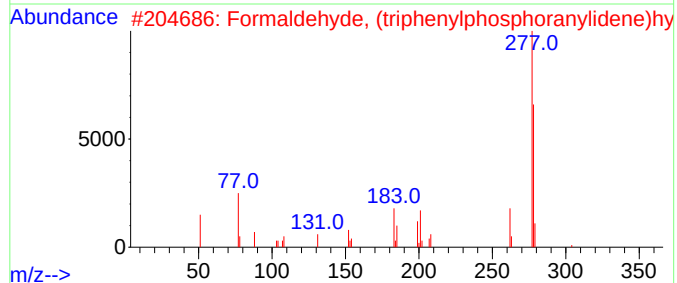
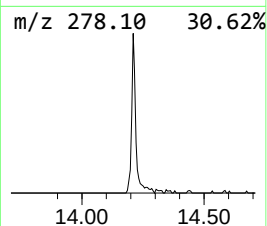
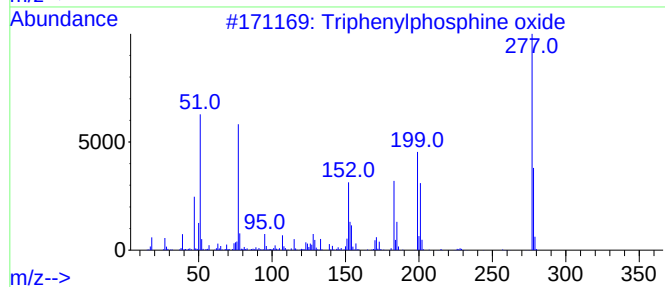
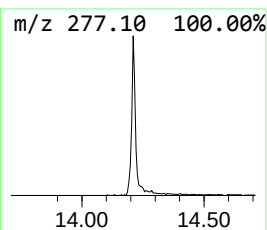
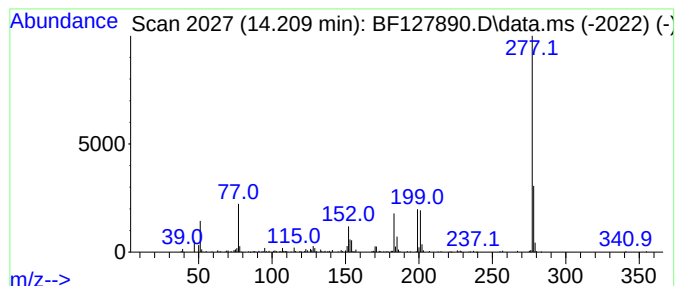
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Peak Number 4 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	3.00 ng	150476	Chrysene-d12	14.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	64
2			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
3			(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19N03S	1000483-83-4	49
4			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	43
5			(Carbethoxymethyl)-triphenylphos...	428	C22H22Br02P	001530-45-6	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.986	2.4	ng	189887	4	11.474	1582080	20.0
4H-Cyclopenta[d]...	12.086	2.0	ng	161985	4	11.474	1582080	20.0
Cyclopentadecane	14.062	7.3	ng	367286	5	14.115	1001520	20.0
Triphenylphosph...	14.210	3.0	ng	150476	5	14.115	1001520	20.0