LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129896.D
Acq On : 19 Aug 2022 02:04
Operator : CG\JU
Sample : N4214-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-357

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129896.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.810	255	259	266	rVB	36879	54364	2.41%	0.365%
2	5.004	460	462	474	rBV	85140	108482	4.81%	0.729%
3	5.428	531	534	549	rBV	1917226	1921238	85.26%	12.907%
4	6.445	704	707	721	rBV	2034672	1768832	78.49%	11.883%
5	6.792	762	766	773	rBV	658602	533343	23.67%	3.583%
6	7.357	858	862	872	rBV	1366481	1121763	49.78%	7.536%
7	8.075	980	984	987	rBV	764603	609291	27.04%	4.093%
8	9.151	1162	1167	1170	rBV	2092440	1918605	85.14%	12.889%
9	9.827	1279	1282	1286	rVB	698485	590136	26.19%	3.965%
10	10.622	1414	1417	1427	rBV	1162621	1081006	47.97%	7.262%
11	11.321	1532	1536	1539	rBV	735595	612562	27.18%	4.115%
12	11.839	1619	1624	1631	rBV3	46392	88334	3.92%	0.593%
13	12.539	1739	1743	1748	rBV2	52802	87859	3.90%	0.590%
14	12.768	1779	1782	1784	rBV2	43653	43265	1.92%	0.291%
15	12.904	1801	1805	1809	rBV	2639661	2253508	100.00%	15.139%
16	13.804	1953	1958	1970	rBV3	111692	305597	13.56%	2.053%
17	13.968	1982	1986	1989	rBV	814401	723014	32.08%	4.857%
18	14.057	1997	2001	2007	rBV	374359	389642	17.29%	2.618%
19	14.445	2064	2067	2074	rBV	83957	105726	4.69%	0.710%
20	15.433	2231	2235	2241	rVB	467392	568872	25.24%	3.822%

Sum of corrected areas: 14885439

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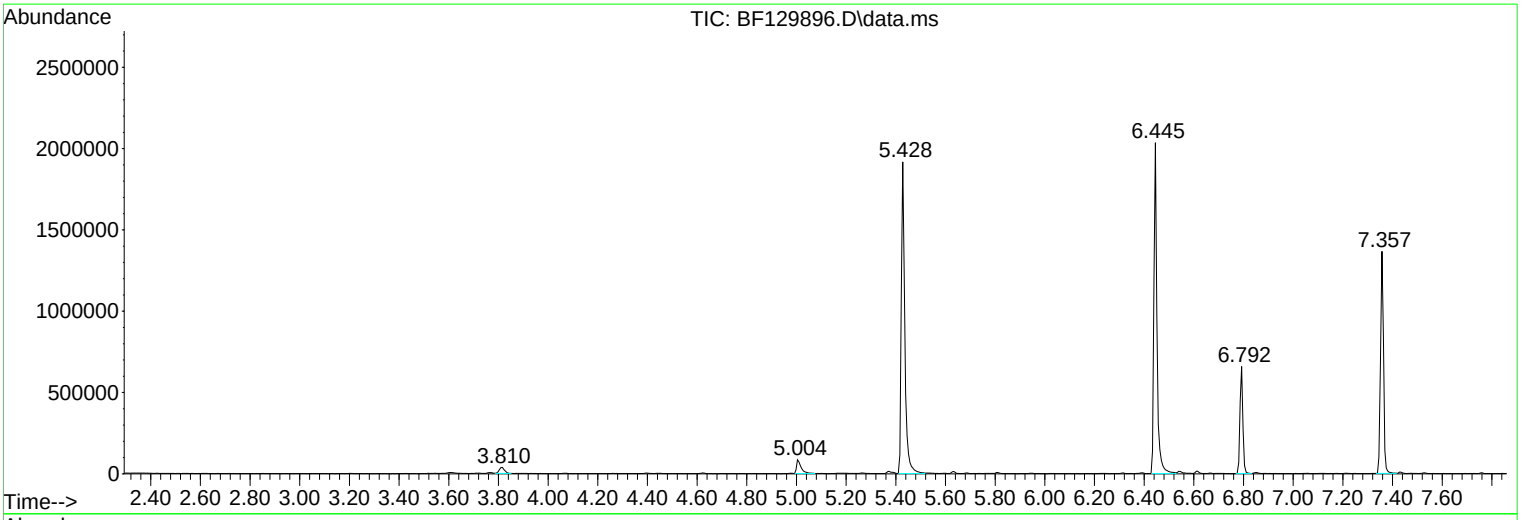
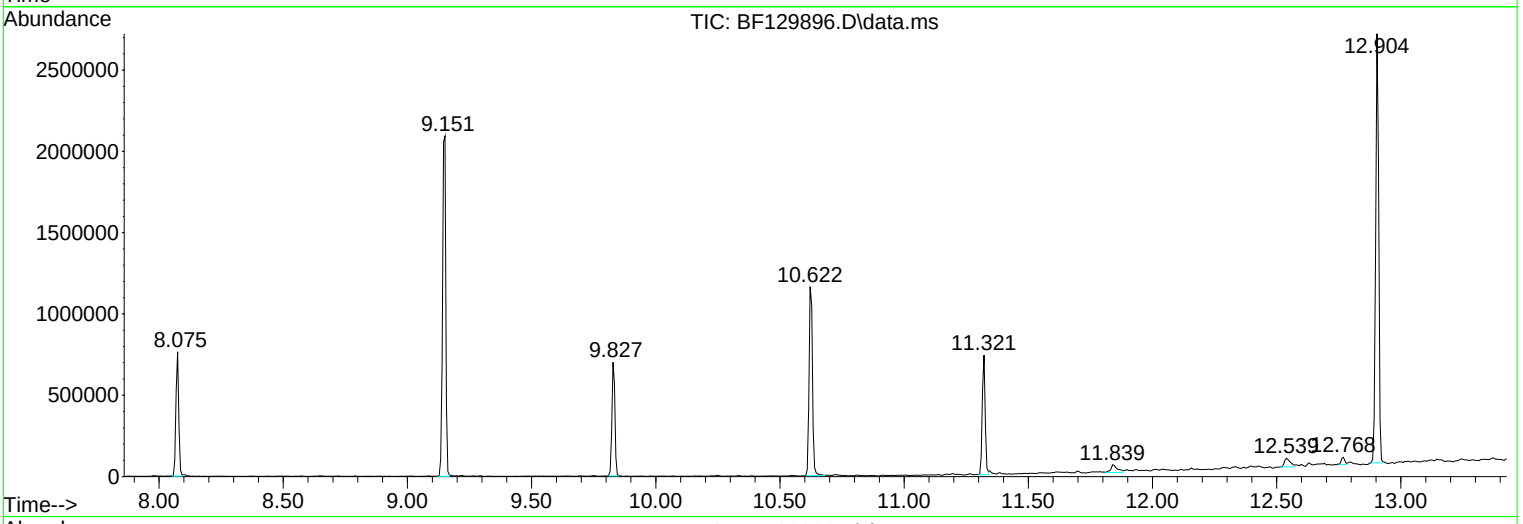
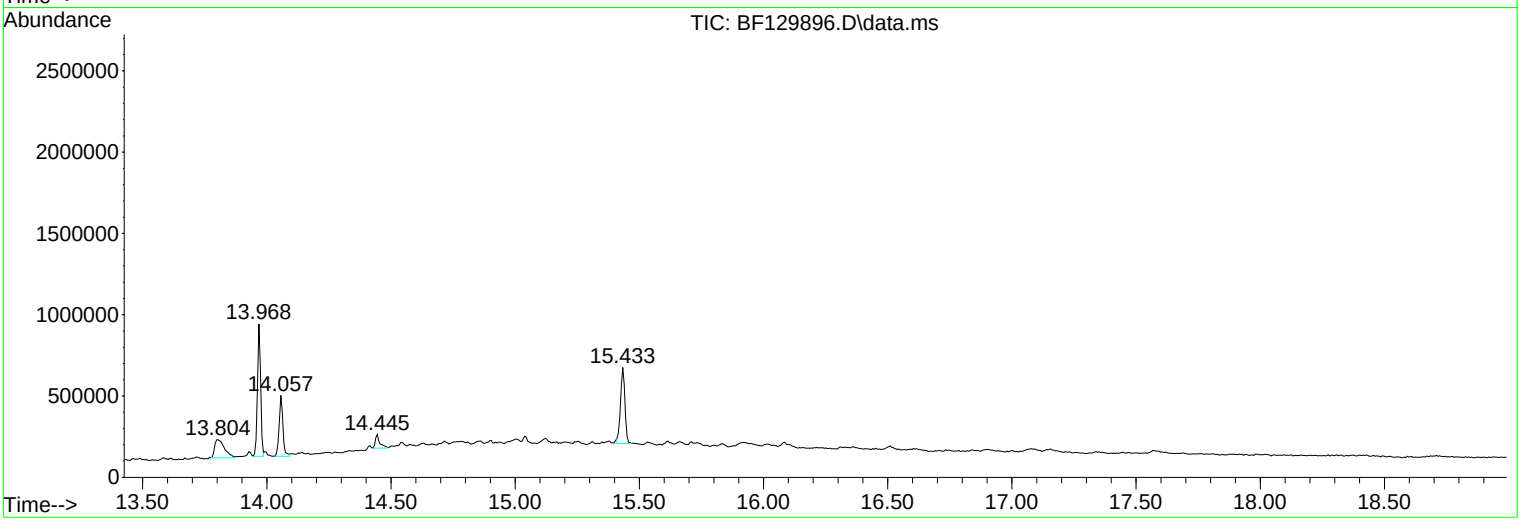
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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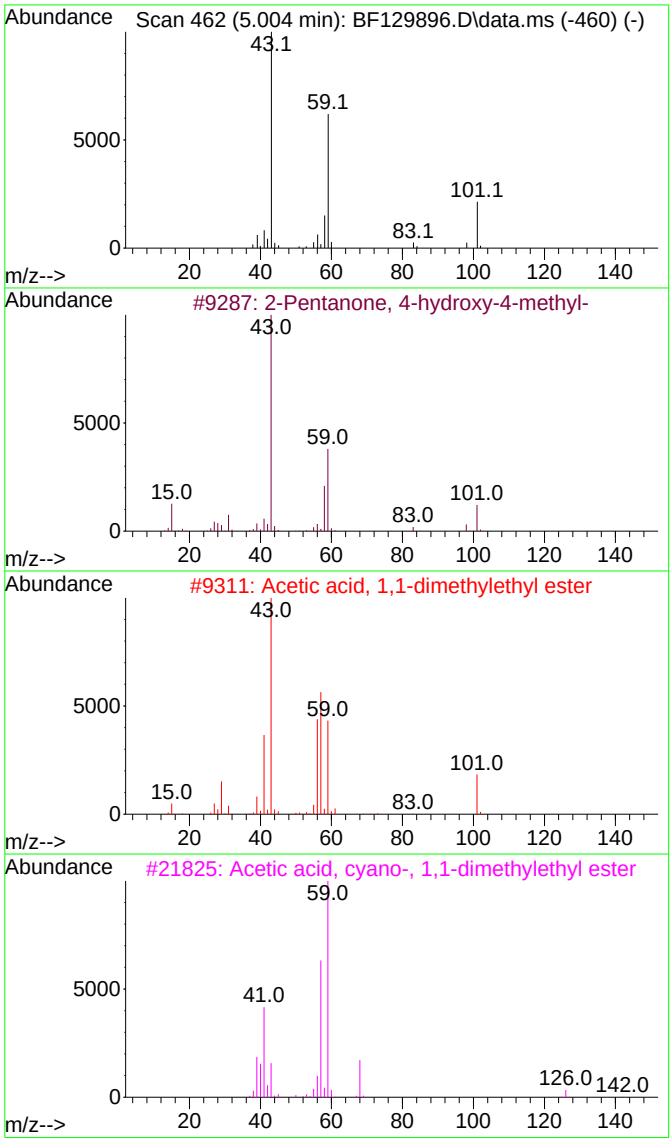
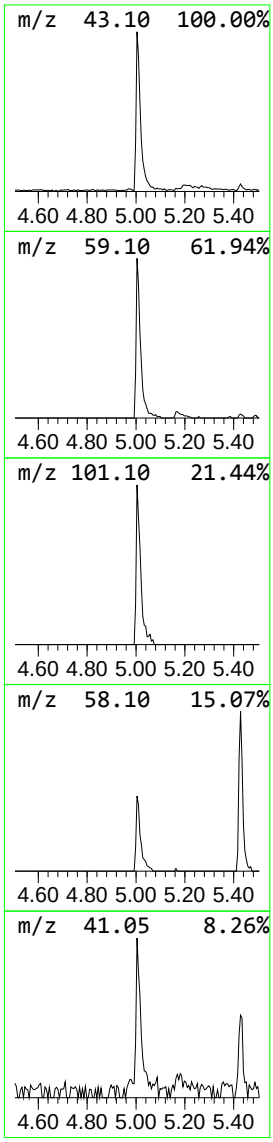
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	4.07 ng	108482	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	1,2-Butanediol	90	C4H10O2	000584-03-2	25





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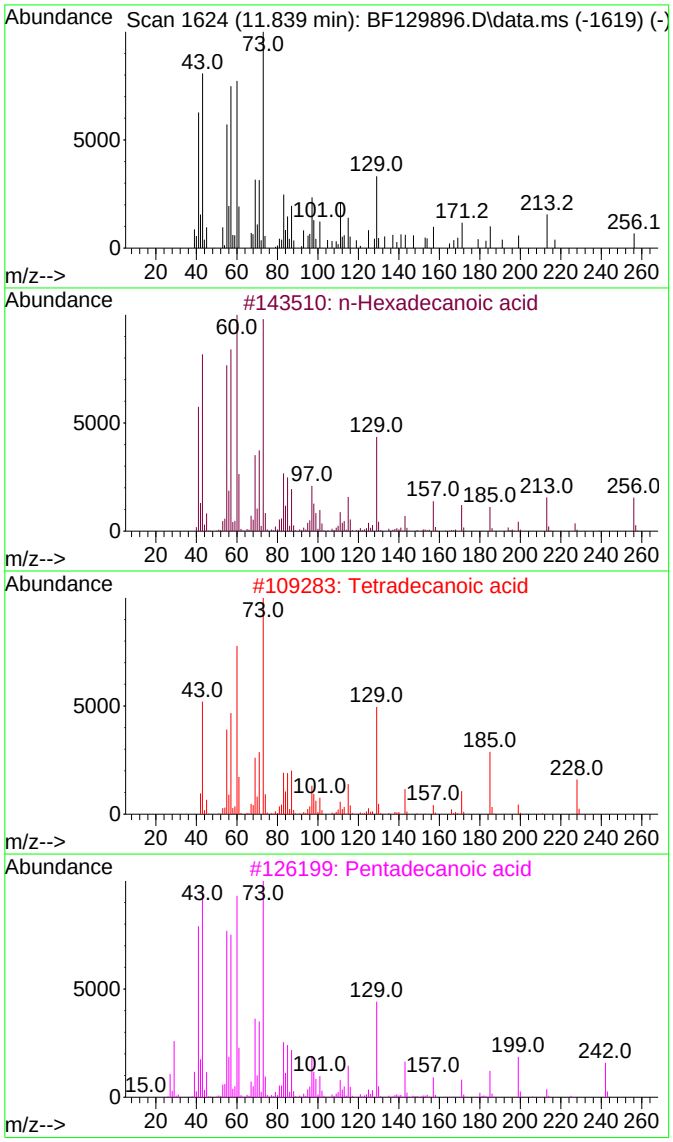
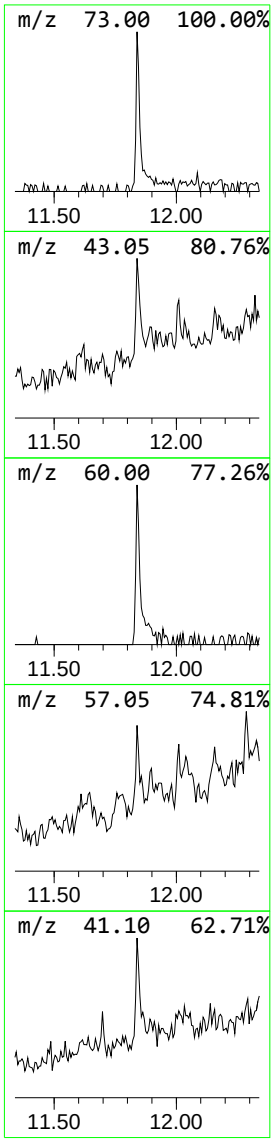
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.88 ng	88334	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	1,2,3,4-Cyclopentanetetrol, (1.a...	134	C5H10O4	014003-71-5	35
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	27





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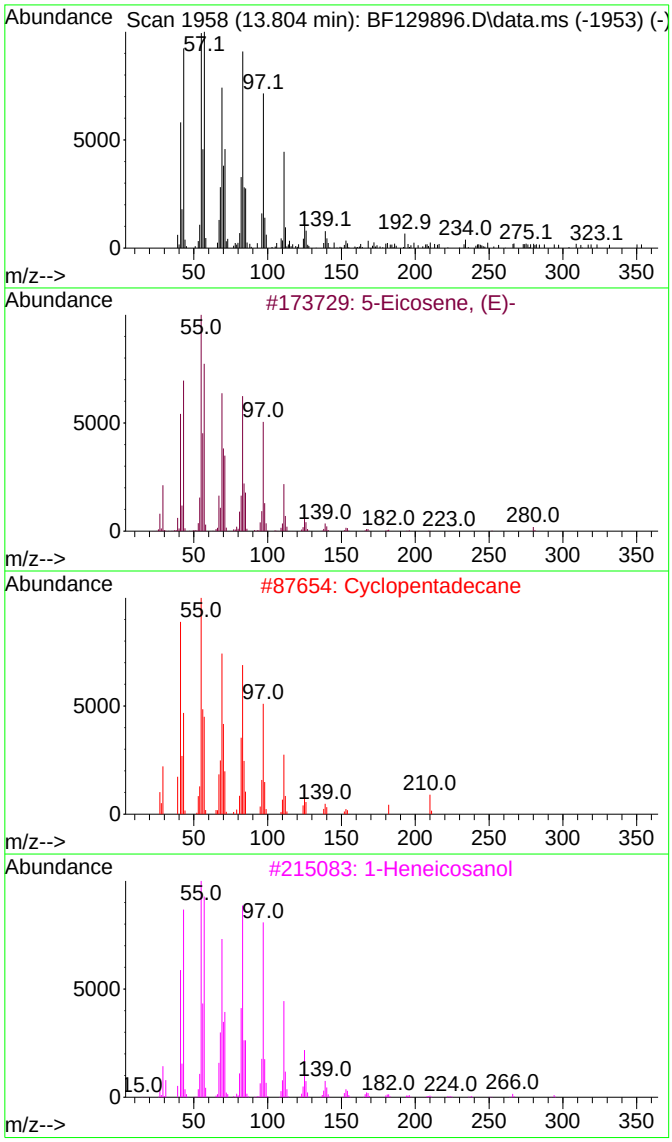
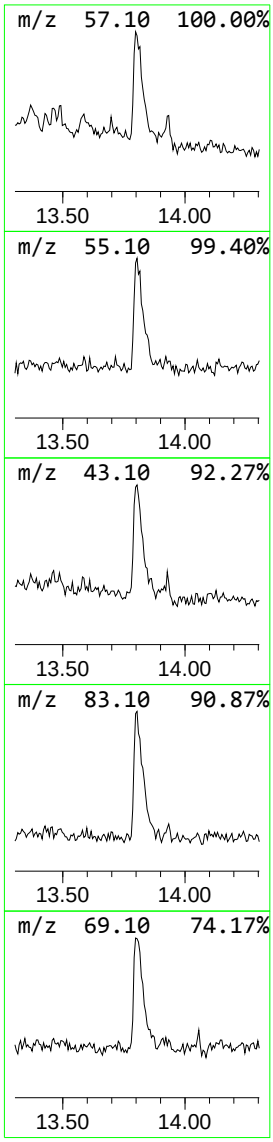
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	8.45 ng	305597	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclopentadecane	210	C15H30	000295-48-7	97
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	95
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





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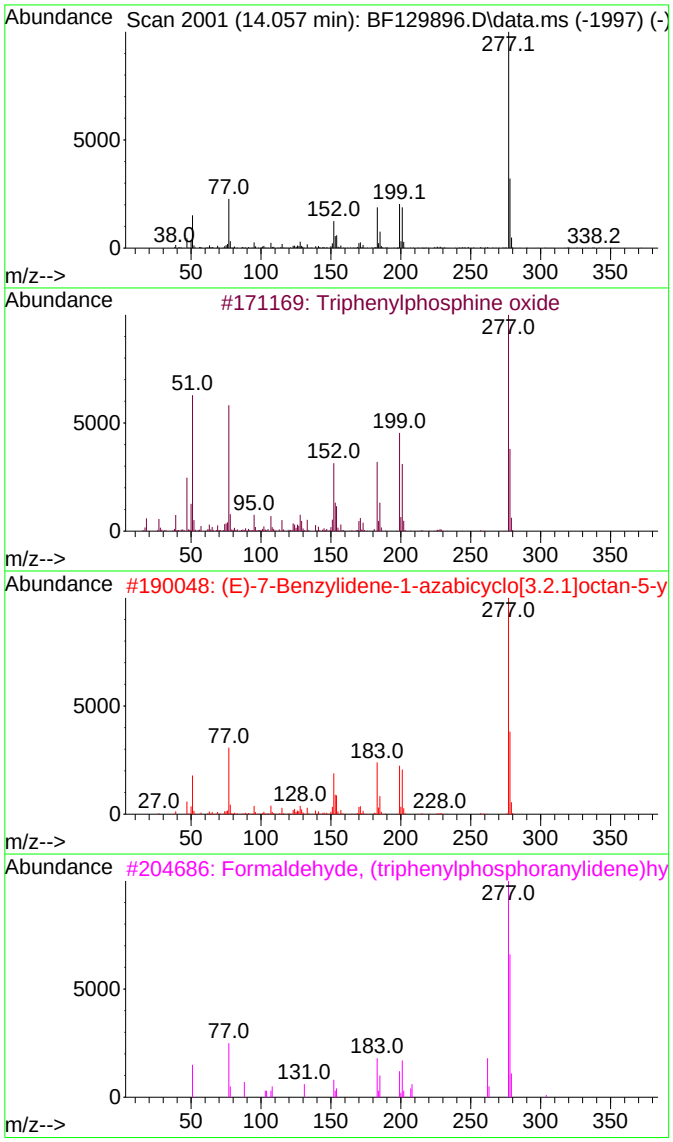
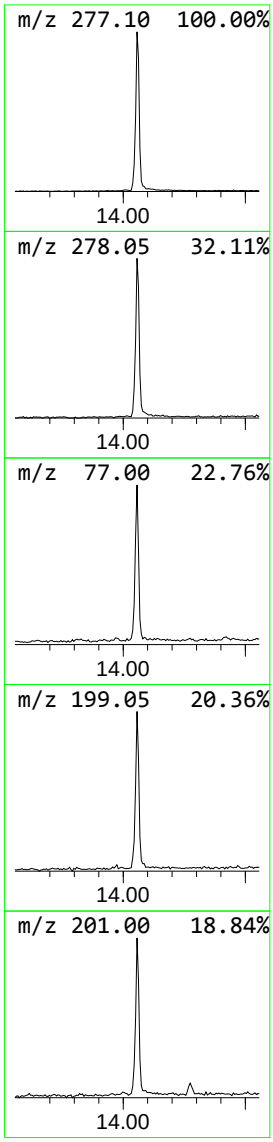
****
Peak Number 6 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	10.78 ng	389642	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	76
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	28





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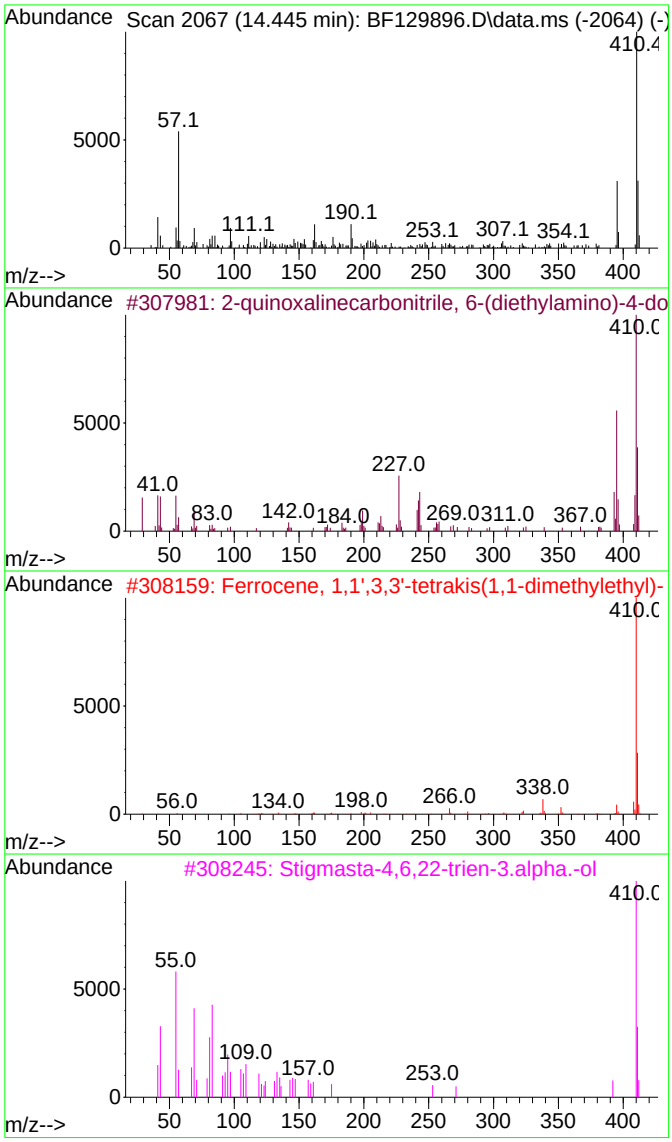
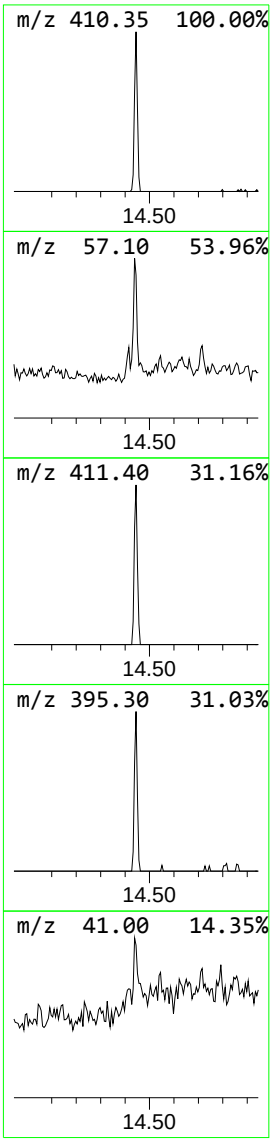
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-quinoxalinecarbonitrile, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	2.92 ng	105726	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-quinoxalinecarbonitrile, 6-(di...	410	C25H38N4O	1000399-06-1	64
2	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	53
3	Stigmasta-4,6,22-trien-3.alpha.-ol	410	C29H46O	1000103-93-1	50
4	Pyrrolidine-2-methanol, N,O-bis(...	493	C29H53NOP2	112150-34-2	50
5	6,9-Methanobenzo[h]pentaphene-5,...	410	C27H22O4	057427-50-6	40





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.004	4.1	ng	108482	1	6.792	533343	20.0
n-Hexadecanoic ...	11.839	2.9	ng	88334	4	11.322	612562	20.0
5-Eicosene, (E)-	13.804	8.4	ng	305597	5	13.968	723014	20.0
Triphenylphosph...	14.057	10.8	ng	389642	5	13.968	723014	20.0
2-quinoxalineca...	14.445	2.9	ng	105726	5	13.968	723014	20.0