LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009346.D
Acq On : 23 Mar 2017 17:38
Operator : SJ/MA
Sample : I2357-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9XW7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.328	38	41	44	rBV	41622	53942	1.29%	0.120%
2	3.363	44	47	53	rVB	59174	73303	1.75%	0.162%
3	7.016	659	668	676	rBV	688200	1108511	26.50%	2.457%
4	7.192	691	698	707	rBV	524315	810621	19.38%	1.797%
5	7.387	725	731	739	rBV	672736	1055688	25.24%	2.340%
6	7.857	804	811	821	rBV	502063	806765	19.29%	1.788%
7	8.557	923	930	940	rBV	796720	1300588	31.09%	2.883%
8	9.022	1001	1009	1019	rBV	645881	1080445	25.83%	2.395%
9	9.739	1123	1131	1139	rBV	530077	881840	21.08%	1.955%
10	10.275	1215	1222	1230	rBV	745821	1257408	30.06%	2.787%
11	10.657	1281	1287	1297	rVB	654207	1071141	25.61%	2.374%
12	10.798	1304	1311	1323	rBV	761684	1301679	31.12%	2.885%
13	13.910	1834	1840	1849	rVB	1325873	1794527	42.90%	3.978%
14	14.198	1882	1889	1899	rBV	1364293	2001676	47.85%	4.437%
15	14.504	1934	1941	1952	rVB2	881648	1324557	31.66%	2.936%
16	14.692	1966	1973	1983	rBV	676026	1011352	24.18%	2.242%
17	15.492	2103	2109	2119	rVB	1806714	2633250	62.95%	5.837%
18	15.615	2124	2130	2140	rBV	665179	907982	21.71%	2.013%
19	17.251	2402	2408	2416	rVB	1115558	1561701	37.33%	3.462%
20	17.345	2416	2424	2434	rBV	1987625	2921415	69.84%	6.476%
21	18.174	2549	2565	2582	rBV	503544	1823782	43.60%	4.043%
22	19.639	2808	2814	2825	rVV	2638036	3504722	83.78%	7.769%
23	20.868	3018	3023	3026	rBV6	26716	45414	1.09%	0.101%
24	21.427	3112	3118	3123	rBV	1672672	2163722	51.72%	4.796%
25	21.962	3201	3209	3218	rBV2	2244760	4183197	100.00%	9.273%
26	22.139	3232	3239	3246	rBV2	1040247	1953167	46.69%	4.330%
27	23.003	3382	3386	3394	rVB4	138423	269641	6.45%	0.598%
28	23.603	3480	3488	3496	rBV2	2017906	4002816	95.69%	8.873%
29	23.750	3507	3513	3521	rVB	1162189	2207662	52.77%	4.894%

Sum of corrected areas: 45112514

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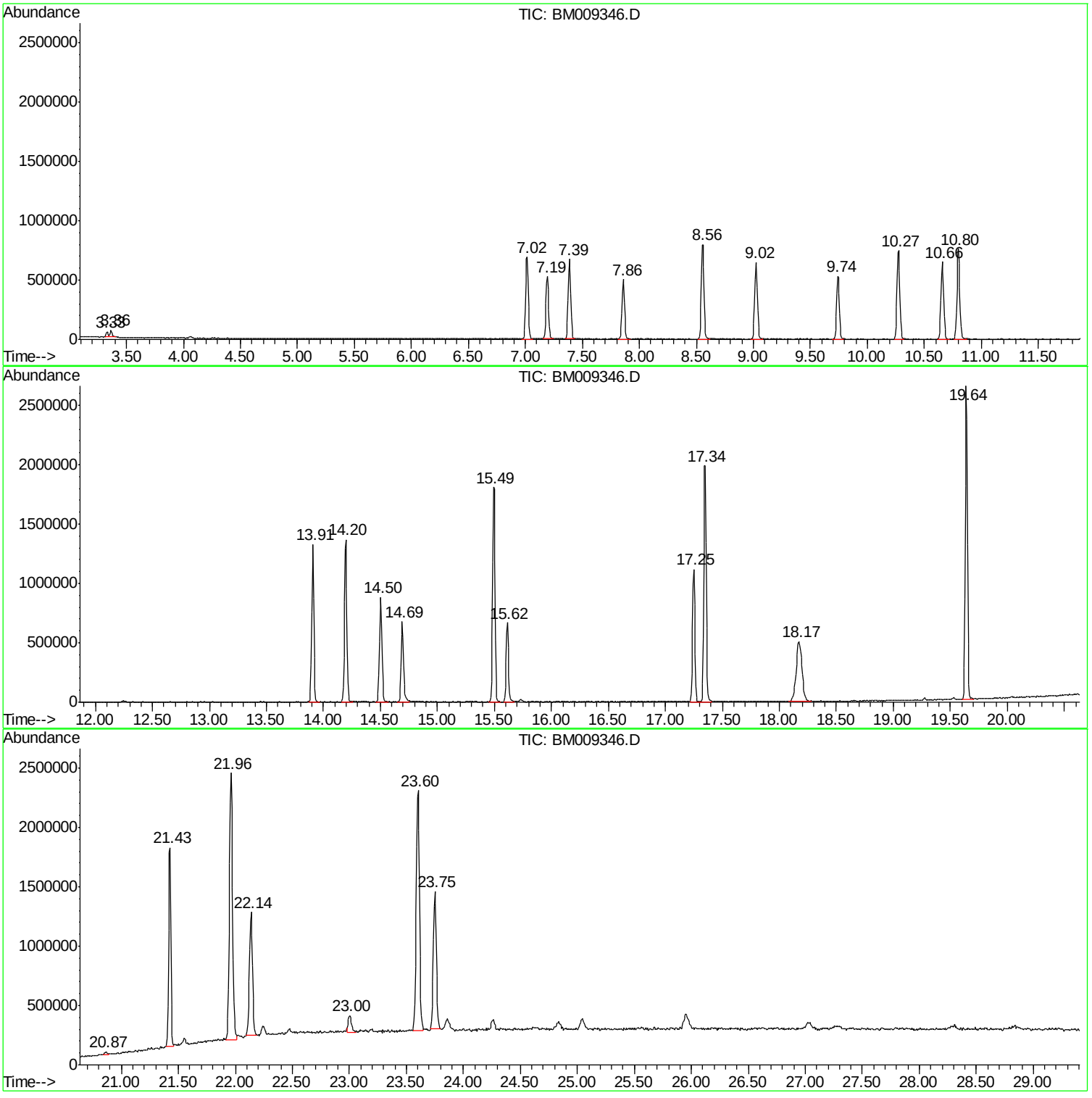
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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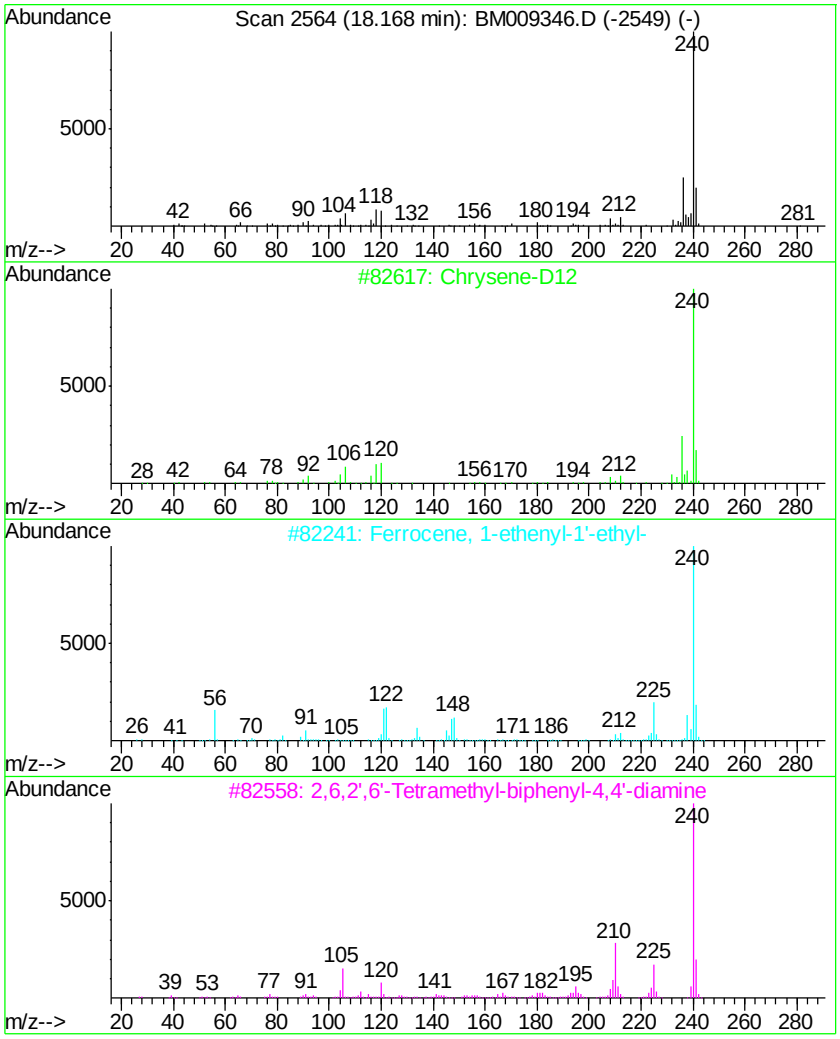
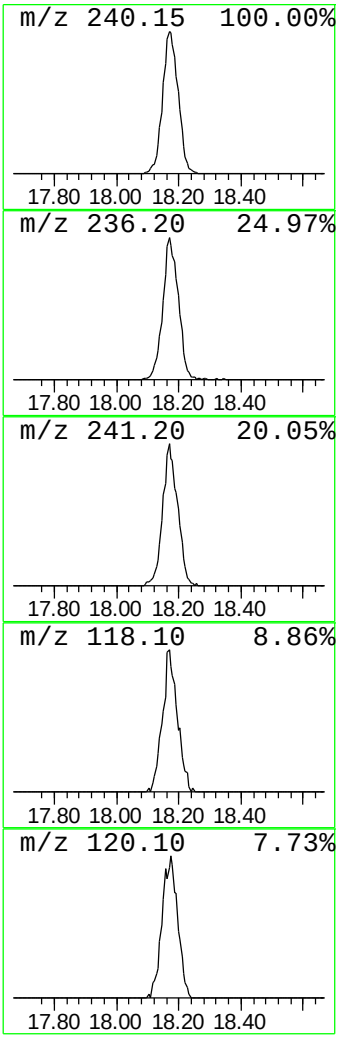
Peak Number 1 Ferrocene, 1-ethenyl-1'-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	23.36 ng/ul	1823780	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene-D12	240	C18D12	001719-03-5	97
2	Ferrocene, 1-ethenyl-1'-ethyl-	240	C14H16Fe	071035-62-6	58
3	2,6,2',6'-Tetramethyl-biphenyl-4...	240	C16H20N2	004746-77-4	58
4	[1]Benzothieno[3,2-b][1]benzothi...	240	C14H8S2	000248-70-4	53
5	[1]Benzothieno[4,5-b][1]benzothi...	240	C14H8S2	055134-02-6	53





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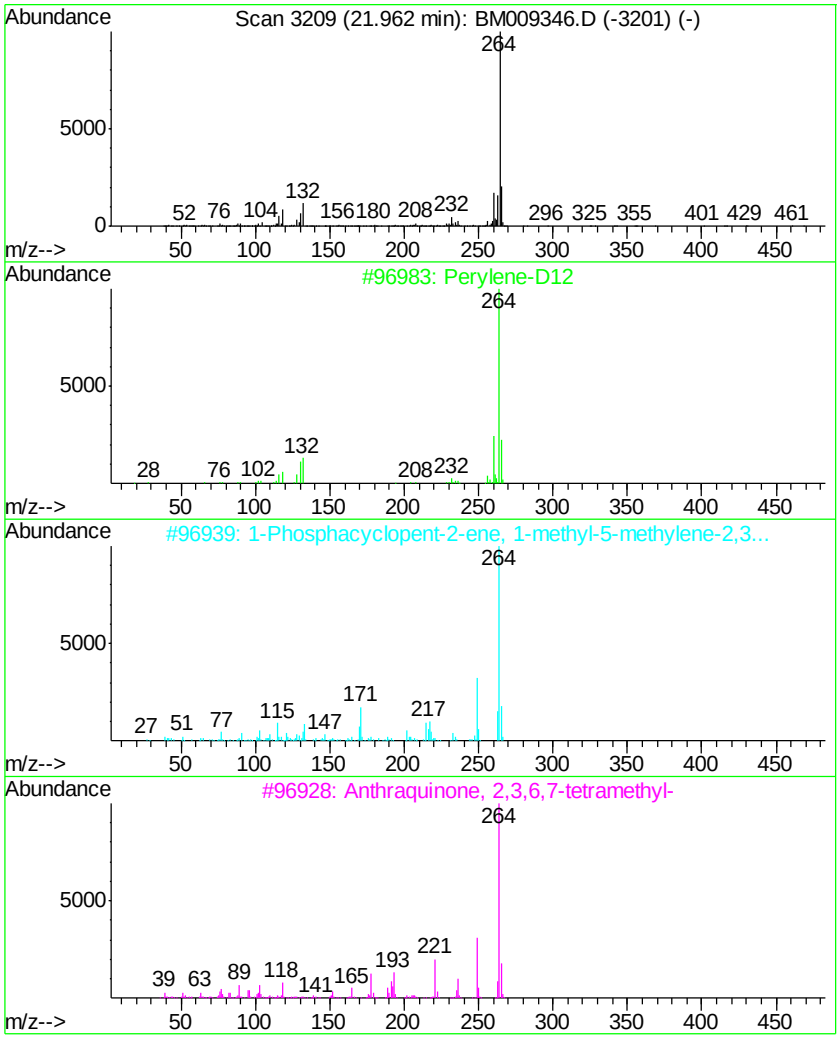
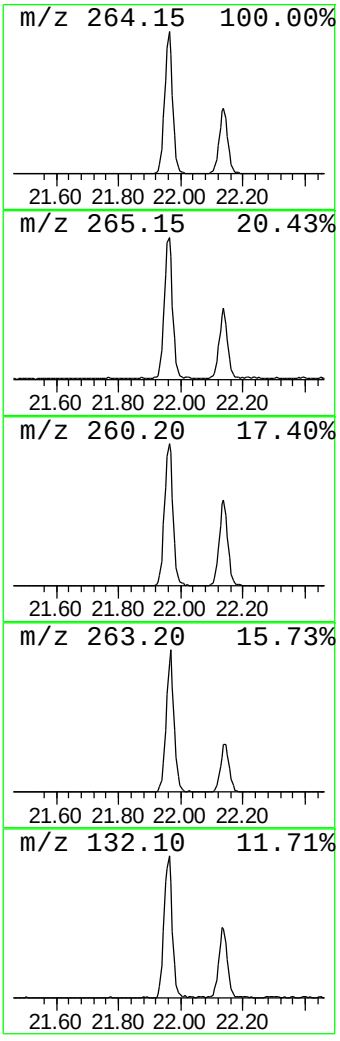
Peak Number 2 1-Phosphacyclopent-2-ene, 1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	38.67 ng/ul	4183200	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene-D12	264	C20D12	001520-96-3	95
2	1-Phosphacyclopent-2-ene, 1-meth...	264	C18H17P	1000161-67-7	72
3	Anthraquinone, 2,3,6,7-tetramethyl-	264	C18H16O2	015247-68-4	64
4	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
5	2-Trifluoromethyl-1,8-phenanthro...	264	C13H7F3N2O	1000255-81-8	59





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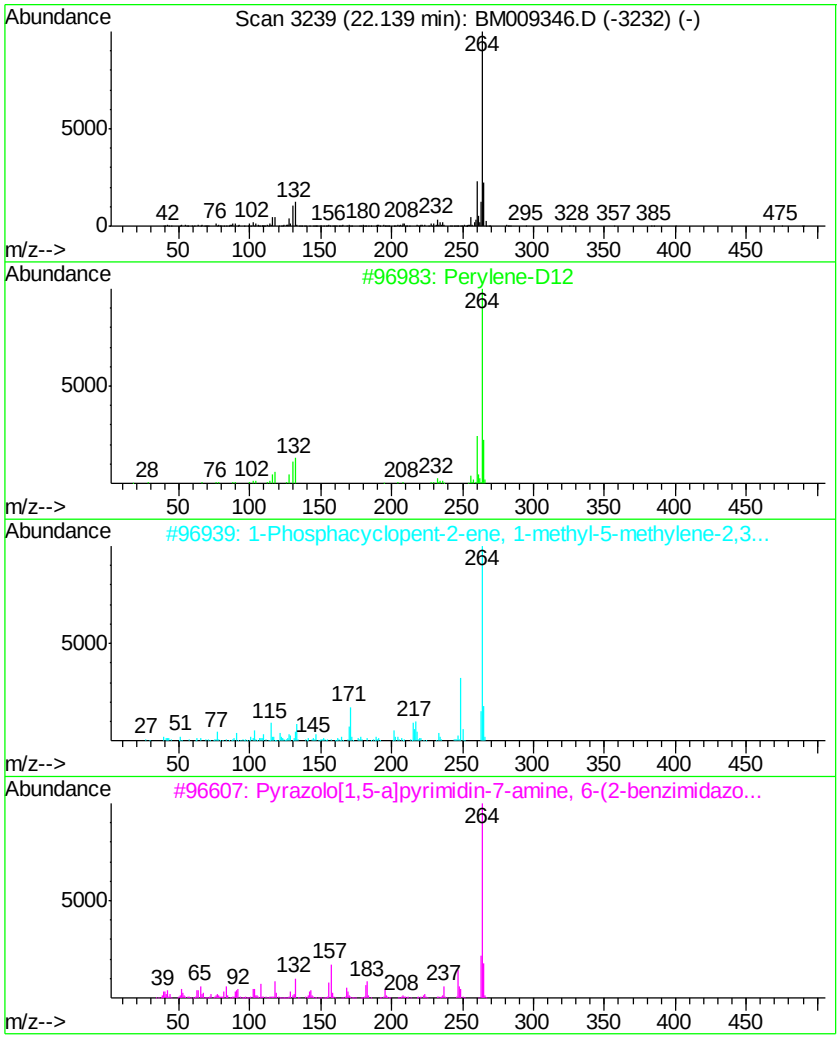
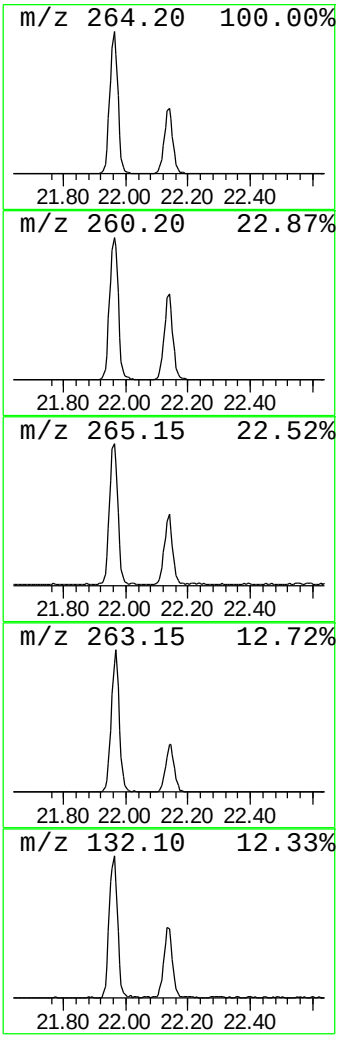
Peak Number 3 Pyrazolo[1,5-a]pyrimidin-7-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	18.05 ng/ul	1953170	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene-D12	264	C20D12	001520-96-3	99
2	1-Phosphacyclopent-2-ene, 1-meth...	264	C18H17P	1000161-67-7	58
3	Pyrazolo[1,5-a]pyrimidin-7-amine...	264	C14H12N6	1000276-36-9	53
4	2-Trifluoromethyl-1,8-phenanthro...	264	C13H7F3N2O	1000255-81-8	53
5	Indole, 5-(4-nitrostyryl)-	264	C16H12N2O2	1000151-40-1	47





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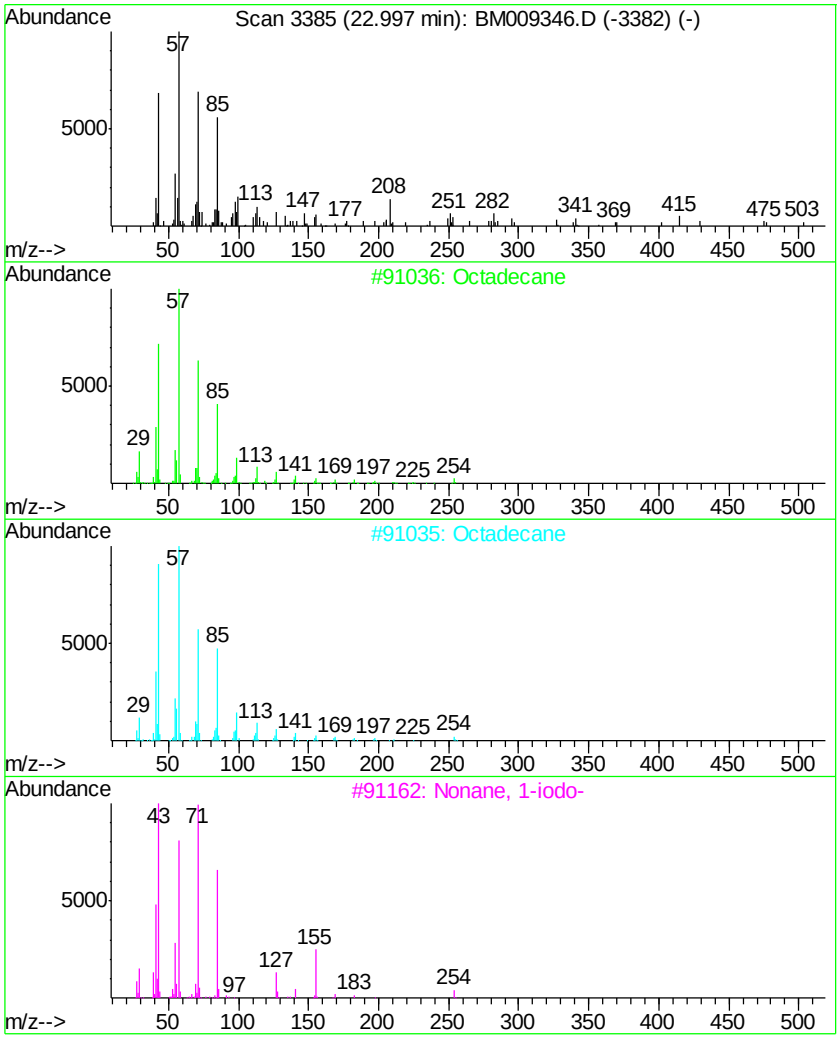
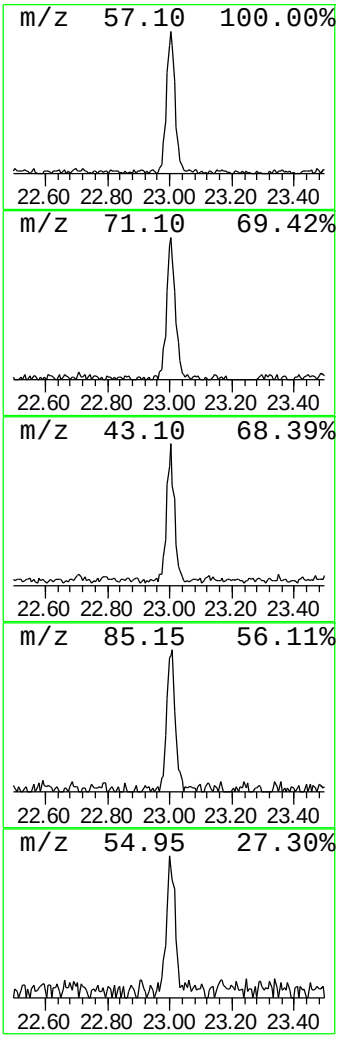
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	2.44 ng/ul	269641	Perylene-d12	23.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	70
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
5	Heneicosane	296	C21H44	000629-94-7	58





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ferrocene, 1-ethe...	18.17	23.4	ng/ul	1823780	4	17.25	1561700	20.0
1-Phosphacyclopen...	21.96	38.7	ng/ul	4183200	5	21.43	2163720	20.0
Pyrazolo[1,5-a]py...	22.14	18.1	ng/ul	1953170	5	21.43	2163720	20.0
(DEL) Alkane: Str...	23.00	2.4	ng/ul	269641	6	23.75	2207660	20.0