

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110618\
 Data File : VR026190.D
 Acq On : 6 Nov 2018 14:15
 Operator : SY/MD
 Sample : VIBLK87
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK87

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.153	67	78	89	rBV	123039	350146	14.01%	1.602%
2	2.628	146	156	168	rBV	166733	441966	17.69%	2.022%
3	3.601	307	316	332	rBV	406542	1277334	51.12%	5.845%
4	6.582	797	806	818	rBV	146061	443613	17.75%	2.030%
5	7.203	898	908	920	rBV	423277	1096155	43.87%	5.016%
6	7.854	1005	1015	1032	rBV2	904187	2498859	100.00%	11.434%
7	8.456	1104	1114	1125	rBV	1069644	2062050	82.52%	9.435%
8	8.900	1176	1187	1198	rBV	571403	1109471	44.40%	5.076%
9	9.679	1307	1315	1324	rBV2	244353	417283	16.70%	1.909%
10	9.971	1356	1363	1370	rBV	1509037	2339681	93.63%	10.705%
11	10.232	1401	1406	1414	rVB	114090	196161	7.85%	0.898%
12	10.591	1458	1465	1475	rBV	696634	1081392	43.28%	4.948%
13	11.285	1571	1579	1592	rBV	1407986	2194695	87.83%	10.042%
14	12.362	1751	1756	1762	rBV	209495	317103	12.69%	1.451%
15	13.219	1891	1897	1906	rBV	1157355	1661276	66.48%	7.601%
16	13.511	1939	1945	1955	rVB	841734	1249912	50.02%	5.719%
17	14.016	2009	2028	2044	rBV4	268709	1108645	44.37%	5.073%
18	14.783	2141	2154	2167	rBV2	330080	1048875	41.97%	4.799%
19	15.002	2178	2190	2198	rBV2	141842	354942	14.20%	1.624%
20	16.000	2347	2354	2363	rBV3	24639	67262	2.69%	0.308%
21	16.188	2372	2385	2398	rBV3	155871	538424	21.55%	2.464%

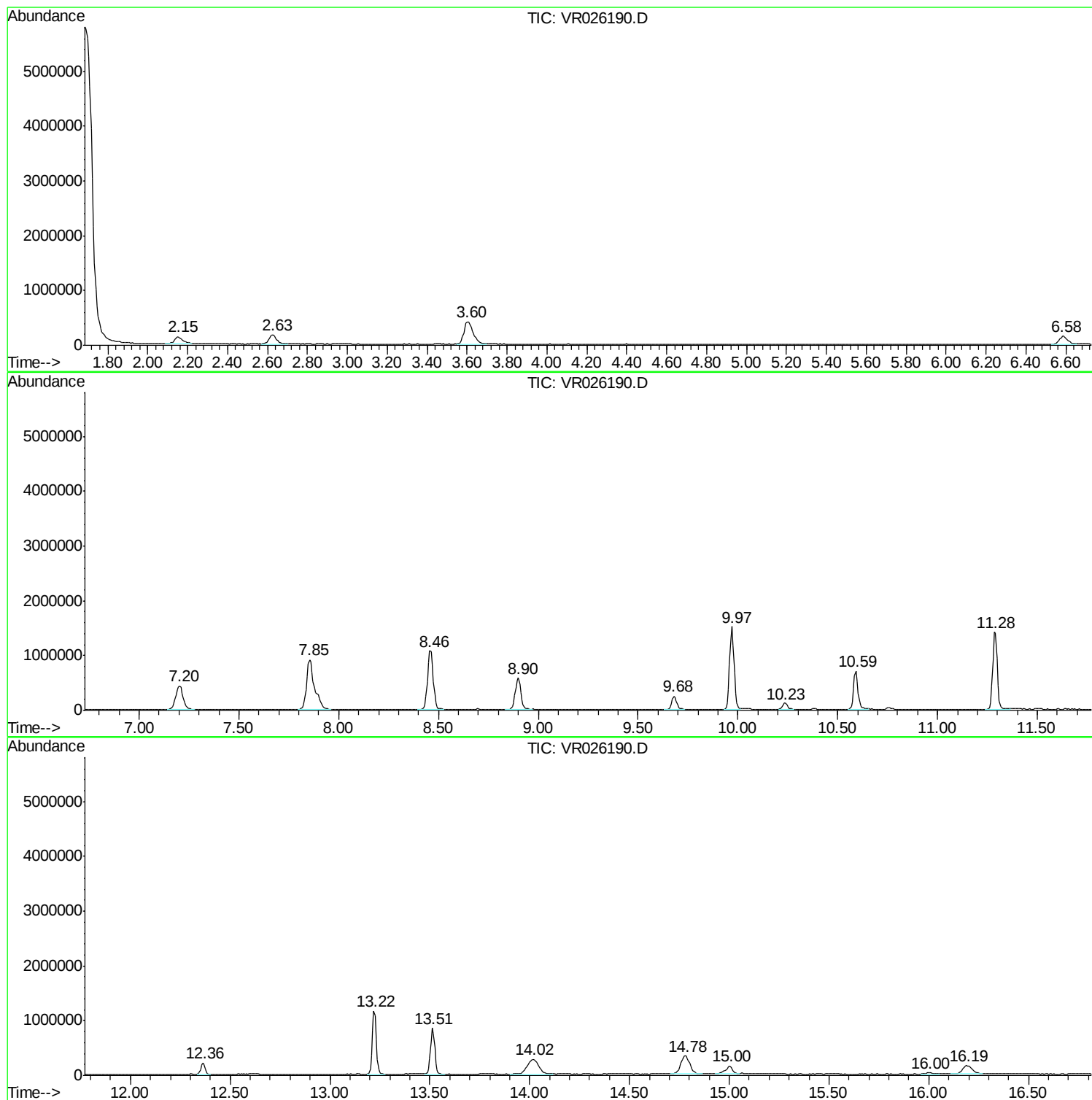
Sum of corrected areas: 21855245

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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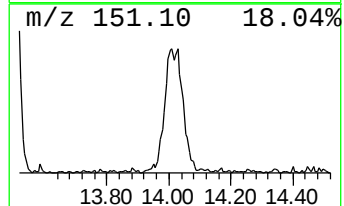
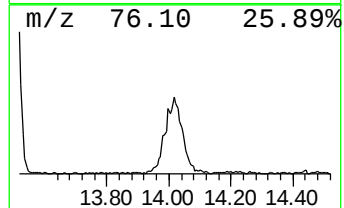
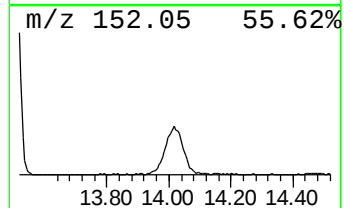
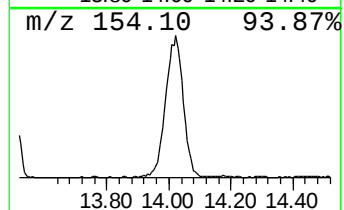
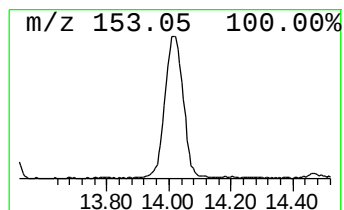
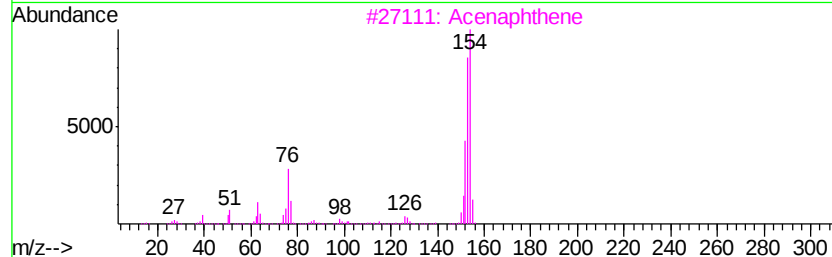
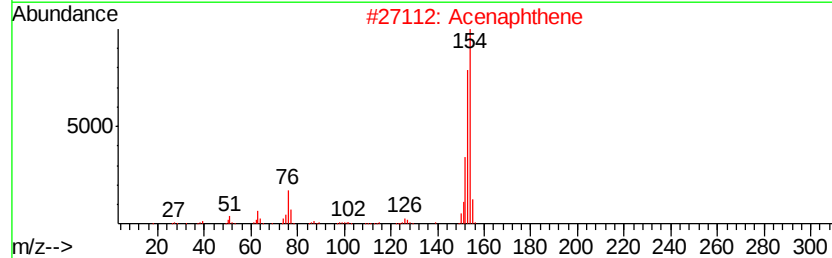
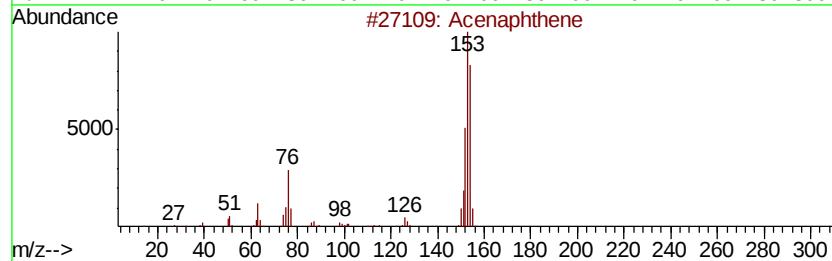
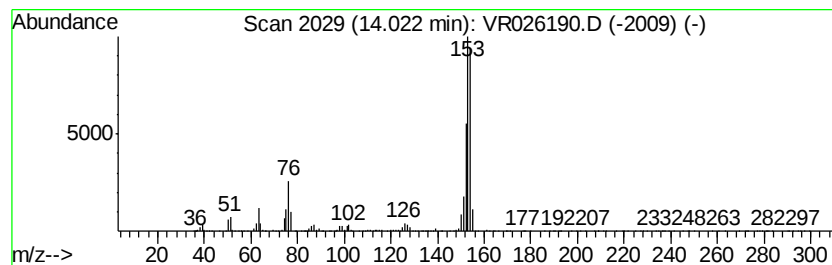
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.34 ug/L	1108650	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphthene	154	C12H10	000083-32-9	96
2		Acenaphthene	154	C12H10	000083-32-9	72
3		Acenaphthene	154	C12H10	000083-32-9	70
4		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	68
5		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64



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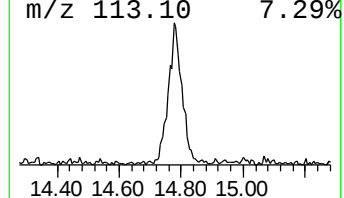
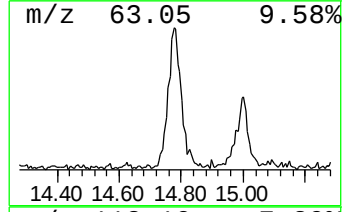
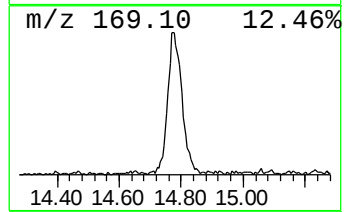
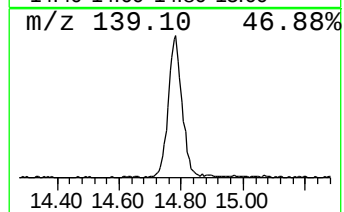
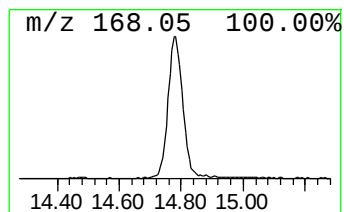
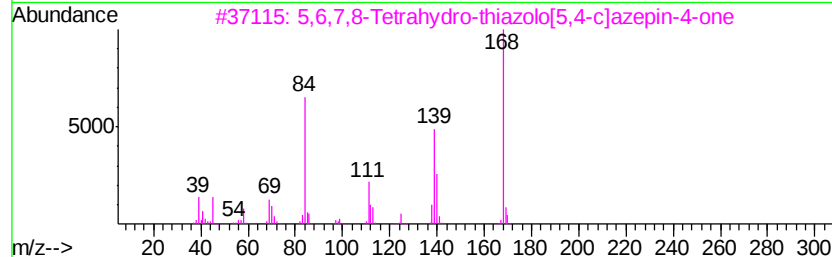
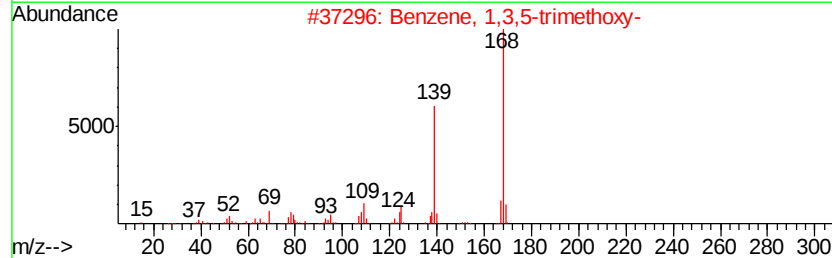
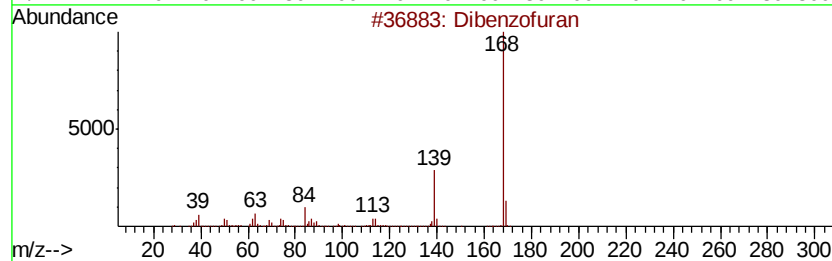
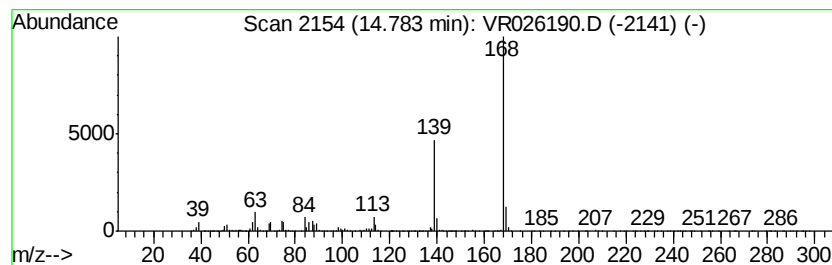
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Quant Title : TRACE VOA SOM01.0

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Peak Number 3 Dibenzofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.16 ug/L	1048880	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran	168	C12H8O	000132-64-9	87
2		Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	64
3		5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	64
4		Pyrimidine, 5-ethoxy-4-methoxy-2...	168	C8H12N2O2	024614-12-8	64
5		Dibenzofuran	168	C12H8O	000132-64-9	59



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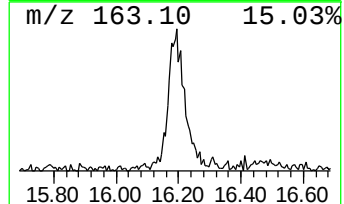
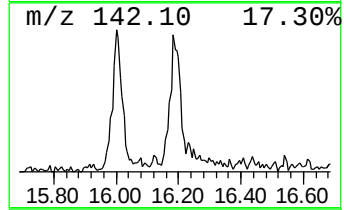
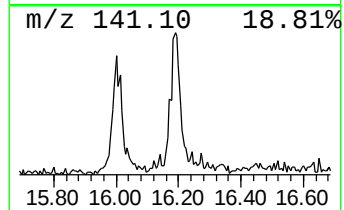
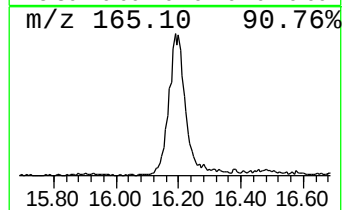
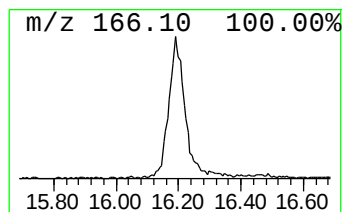
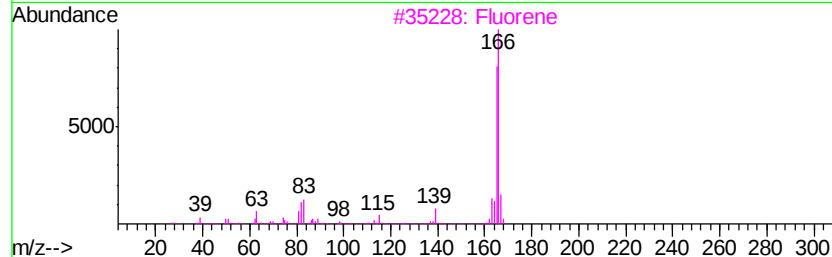
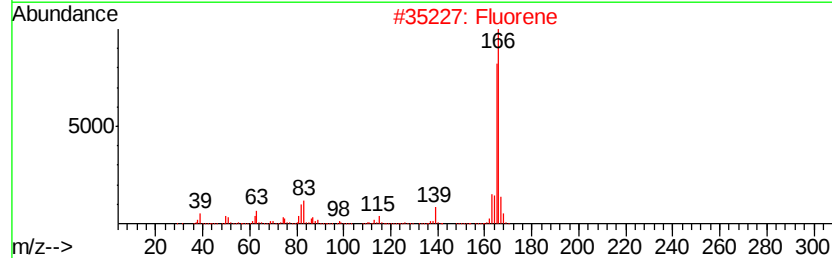
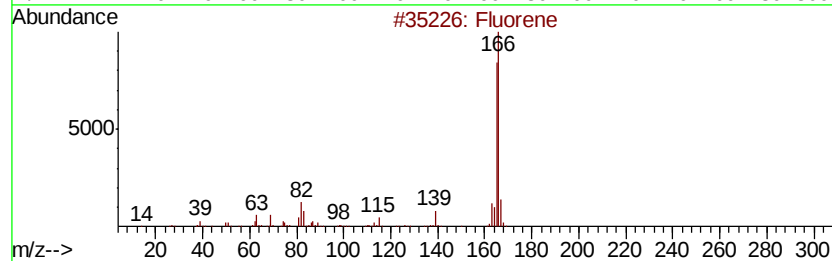
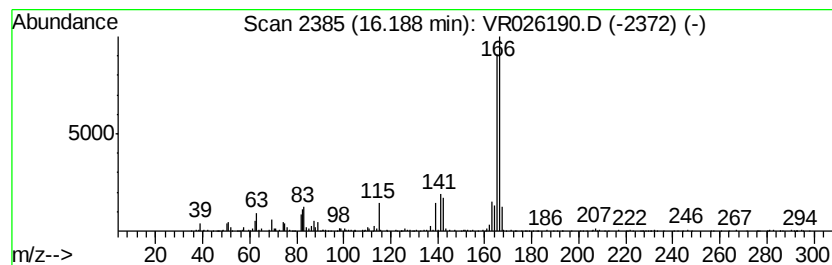
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Peak Number 5 Fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	1.62 ug/L	538424	1,4-Dichlorobenzene-d4	13.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene		166	C13H10	000086-73-7	87
2	Fluorene		166	C13H10	000086-73-7	87
3	Fluorene		166	C13H10	000086-73-7	70
4	2-Azetidinone, 3,3-diphenyl-		223	C15H13NO	015826-12-7	59
5	Fluorene-9-methanol		196	C14H12O	024324-17-2	59



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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acenaphthene	14.02	3.3	ug/L	1108650	3	13.22	1661280	5.0
Dibenzofuran	14.78	3.2	ug/L	1048880	3	13.22	1661280	5.0
Fluorene	16.19	1.6	ug/L	538424	3	13.22	1661280	5.0