LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048330.D
Acq On : 30 Oct 2024 19:38
Operator : RC/JU
Sample : P4534-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	28	31	35	rVB	47650	52989	1.04%	0.099%
2	3.593	99	103	113	rBV	162684	259149	5.11%	0.485%
3	3.904	154	156	161	rVB2	14523	19734	0.39%	0.037%
4	4.434	241	246	254	rVB	82346	122517	2.42%	0.229%
5	4.834	311	314	320	rVB2	6736	11283	0.22%	0.021%
6	5.004	338	343	352	rVB	58076	89218	1.76%	0.167%
7	6.893	655	664	676	rVB	207992	381635	7.52%	0.714%
8	7.045	684	690	705	rVB	680934	1084880	21.39%	2.029%
9	7.245	717	724	736	rBV	712478	1186975	23.40%	2.220%
10	7.710	797	803	812	rBV	751722	1228964	24.23%	2.299%
11	7.787	812	816	820	rVB7	4227	7144	0.14%	0.013%
12	8.428	913	925	939	rBV	535199	950964	18.75%	1.779%
13	8.869	993	1000	1011	rBV	735603	1274328	25.12%	2.383%
14	9.292	1068	1072	1078	rVB4	8744	16033	0.32%	0.030%
15	9.592	1115	1123	1132	rBV	594446	1051813	20.73%	1.967%
16	10.133	1206	1215	1236	rBV	815344	1600709	31.55%	2.994%
17	10.498	1270	1277	1286	rBV	1034954	1771963	34.93%	3.314%
18	10.645	1294	1302	1319	rBV	453858	1007783	19.87%	1.885%
19	10.786	1324	1326	1333	rVB7	5998	9863	0.19%	0.018%
20	11.357	1416	1423	1430	rBV10	10767	24845	0.49%	0.046%
21	11.780	1491	1495	1500	rVB4	5804	8113	0.16%	0.015%
22	12.116	1546	1552	1560	rVB4	12911	26265	0.52%	0.049%
23	12.410	1597	1602	1606	rVB7	4768	7079	0.14%	0.013%
24	13.769	1826	1833	1847	rBV	1672615	2439887	48.10%	4.564%
25	14.045	1874	1880	1895	rBV	1860114	2925121	57.66%	5.471%
26	14.304	1920	1924	1926	rBV2	10870	14670	0.29%	0.027%
27	14.357	1926	1933	1945	rVB	1580880	2364419	46.61%	4.422%
28	14.598	1969	1974	1987	rBV2	56225	167771	3.31%	0.314%
29	14.710	1990	1993	1998	rVB4	12752	18740	0.37%	0.035%
30	15.186	2069	2074	2079	rVB9	4033	7093	0.14%	0.013%
31	15.304	2089	2094	2096	rBV5	9170	11765	0.23%	0.022%
32	15.351	2096	2102	2118	rVV	2580362	3771741	74.35%	7.055%
33	15.480	2118	2124	2139	rVV	777068	1199888	23.65%	2.244%
34	15.592	2140	2143	2152	rVB5	16766	28807	0.57%	0.054%
35	15.792	2174	2177	2182	rVB6	2784	5331	0.11%	0.010%
36	15.857	2182	2188	2194	rBV	121370	176596	3.48%	0.330%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048330.D
Acq On : 30 Oct 2024 19:38
Operator : RC/JU
Sample : P4534-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Title : SVOA CALIBRATION

37	15.957	2199	2205	2211	rVV	509161	669302	13.19%	1.252%
38	16.021	2211	2216	2220	rVB	37339	52622	1.04%	0.098%
39	16.115	2228	2232	2238	rVB4	44871	62640	1.23%	0.117%
40	16.580	2305	2311	2318	rBV10	13076	31823	0.63%	0.060%
41	16.645	2318	2322	2326	rVV3	13226	22036	0.43%	0.041%
42	16.698	2326	2331	2340	rVV	1446566	1875735	36.98%	3.508%
43	16.774	2341	2344	2351	rVB4	30769	44225	0.87%	0.083%
44	16.886	2359	2363	2370	rVB6	8530	15516	0.31%	0.029%
45	16.974	2372	2378	2385	rBV2	31401	62903	1.24%	0.118%
46	17.098	2392	2399	2410	rBV	1972272	2814925	55.49%	5.265%
47	17.198	2410	2416	2433	rVV	2754351	4081845	80.46%	7.635%
48	17.351	2434	2442	2456	rVB4	69816	188376	3.71%	0.352%
49	17.562	2473	2478	2486	rVB	116057	182072	3.59%	0.341%
50	17.686	2492	2499	2500	rBV5	10558	16348	0.32%	0.031%
51	17.721	2500	2505	2511	rVV	465958	616717	12.16%	1.153%
52	17.768	2511	2513	2519	rVB6	7529	9855	0.19%	0.018%
53	17.821	2520	2522	2527	rVB6	6240	7517	0.15%	0.014%
54	17.992	2547	2551	2558	rBV3	58473	88757	1.75%	0.166%
55	18.274	2593	2599	2606	rBV	604765	835473	16.47%	1.563%
56	18.668	2664	2666	2675	rBV8	5275	8791	0.17%	0.016%
57	19.056	2728	2732	2736	rBV3	41222	58184	1.15%	0.109%
58	19.127	2740	2744	2748	rBV2	39309	55762	1.10%	0.104%
59	19.274	2765	2769	2775	rBV4	56912	86121	1.70%	0.161%
60	19.492	2800	2806	2820	rBV	3669619	5072915	100.00%	9.488%
61	21.321	3112	3117	3131	rBV	1962485	3068211	60.48%	5.739%
62	24.062	3575	3583	3602	rVB	1925039	4744164	93.52%	8.873%
63	24.268	3609	3618	3637	rVB	1283933	3366171	66.36%	6.296%

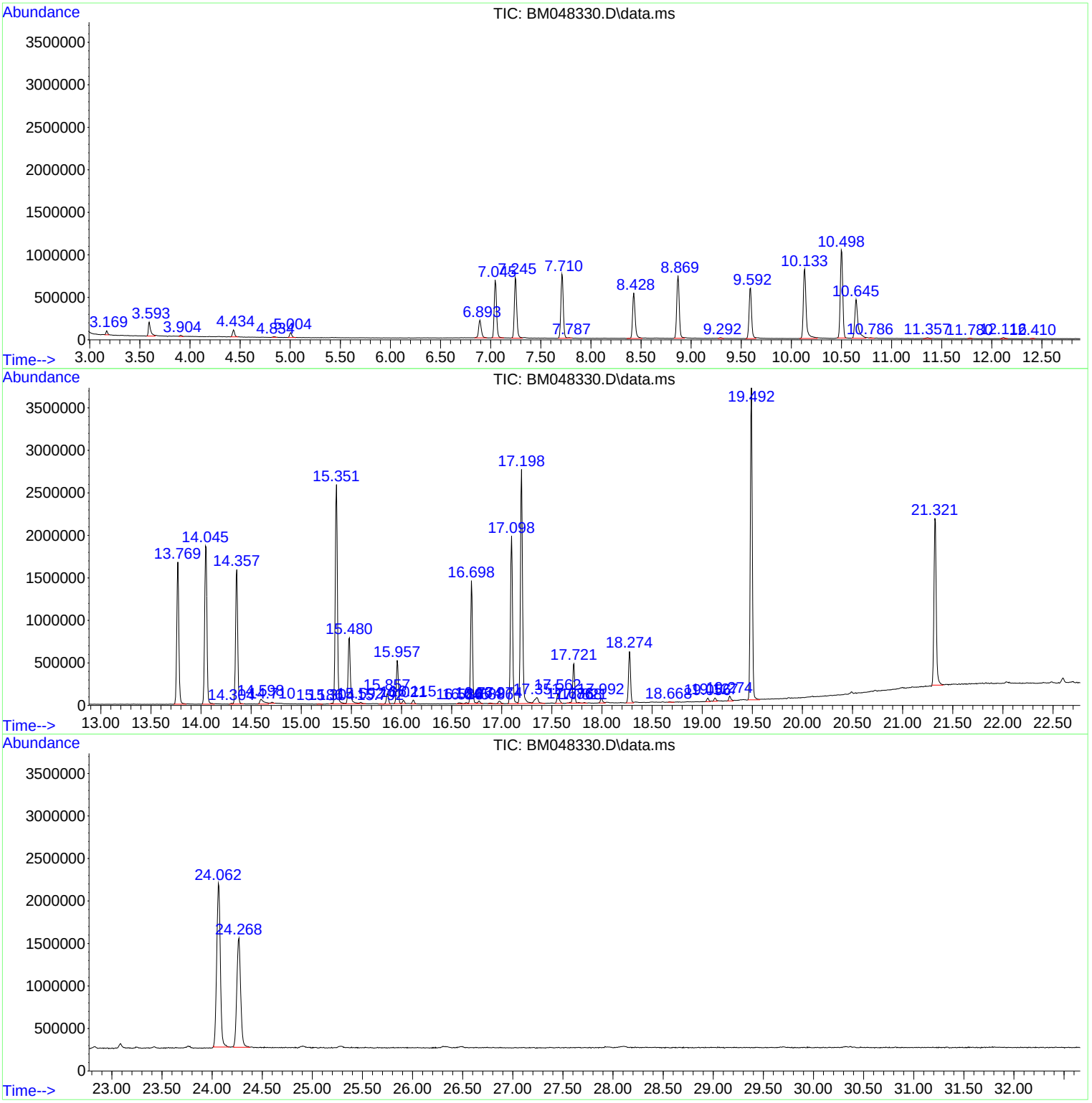
Sum of corrected areas: 53465081

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048330.D
Acq On : 30 Oct 2024 19:38
Operator : RC/JU
Sample : P4534-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L86

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048330.D
Acq On : 30 Oct 2024 19:38
Operator : RC/JU
Sample : P4534-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L86

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

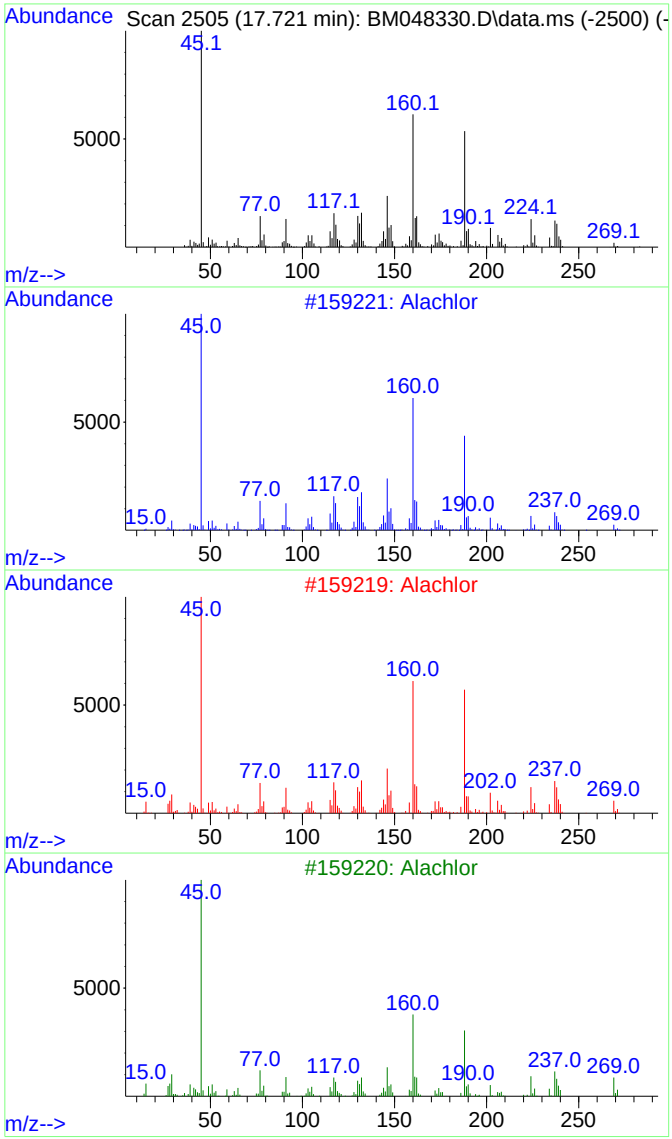
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

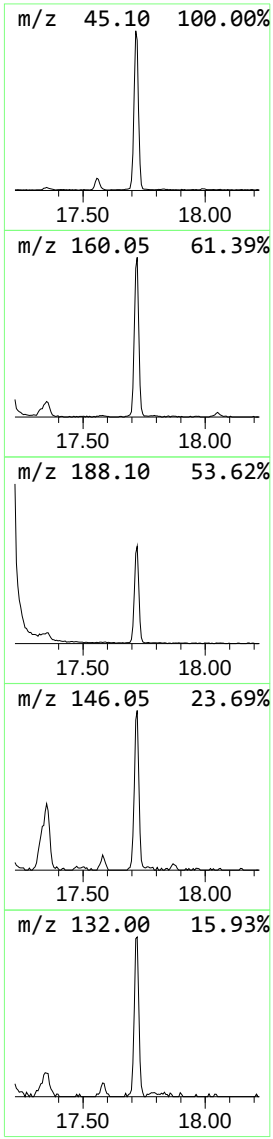
****

Peak Number 3 Alachlor Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.721	4.38 ng/ul	616717	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alachlor	269	C14H20ClNO2	015972-60-8	99
2	Alachlor	269	C14H20ClNO2	015972-60-8	94
3	Alachlor	269	C14H20ClNO2	015972-60-8	91
4	Dimethyl N-methyl-N-methoxymethy...	219	C9H17NO5	068729-19-1	53
5	Alachlor	269	C14H20ClNO2	015972-60-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048330.D
Acq On : 30 Oct 2024 19:38
Operator : RC/JU
Sample : P4534-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L86

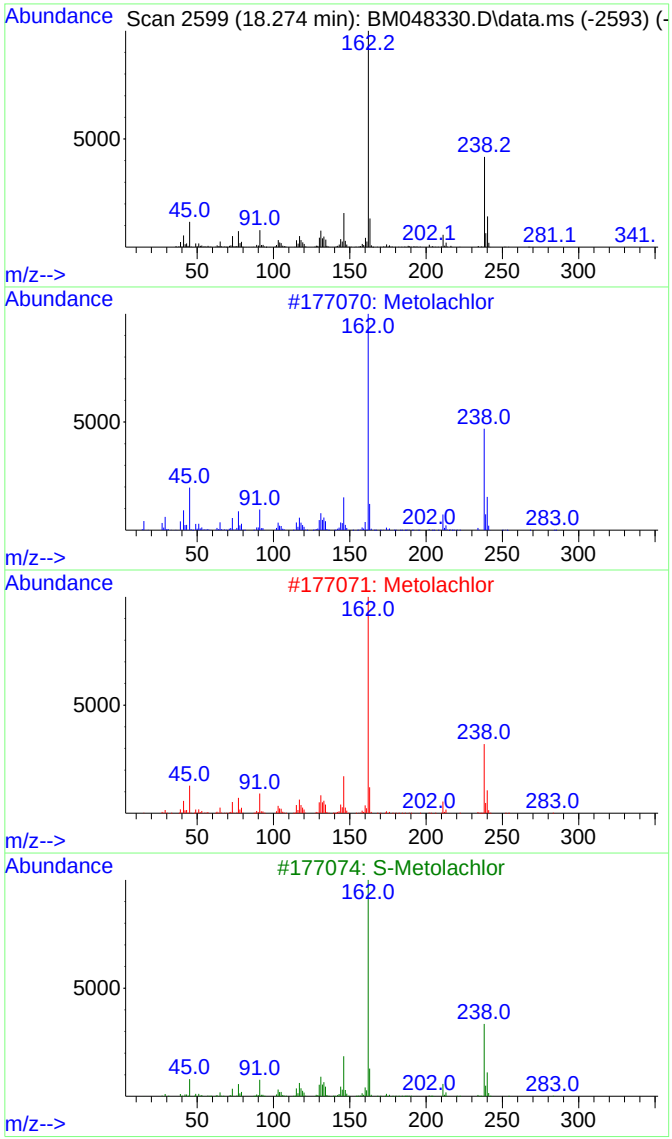
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

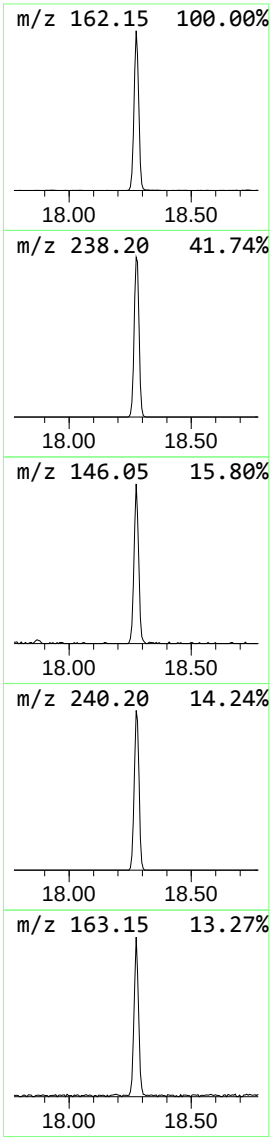
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Metolachlor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	5.94 ng/ul	835473	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metolachlor	283	C15H22ClNO2	051218-45-2	91
2	Metolachlor	283	C15H22ClNO2	051218-45-2	87
3	S-Metolachlor	283	C15H22ClNO2	087392-12-9	87
4	Metolachlor	283	C15H22ClNO2	051218-45-2	76
5	Metolachlor	283	C15H22ClNO2	051218-45-2	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048330.D
Acq On : 30 Oct 2024 19:38
Operator : RC/JU
Sample : P4534-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L86

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Alachlor	17.721	4.4	ng/ul	616717	4	17.098	2814930	20.0
Metolachlor	18.274	5.9	ng/ul	835473	4	17.098	2814930	20.0