LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

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-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	39	43	51	rVB	35971	56809	0.21%	0.075%
2	3.557	94	97	106	rVB5	17352	33941	0.12%	0.045%
3	3.657	110	114	125	rBV	387755	639578	2.35%	0.850%
4	3.981	163	169	176	rVB2	67204	108091	0.40%	0.144%
5	4.152	194	198	203	rBV5	15479	27472	0.10%	0.037%
6	4.440	244	247	256	rVB9	15297	28292	0.10%	0.038%
7	5.799	471	478	483	rBV	50084	85936	0.32%	0.114%
8	5.904	489	496	503	rBV	326295	468286	1.72%	0.622%
9	6.828	648	653	660	rVB	79199	116324	0.43%	0.155%
10	6.957	665	675	687	rBV	494513	901139	3.32%	1.197%
11	7.110	694	701	714	rVB	440781	704701	2.59%	0.936%
12	7.316	726	736	747	rBV	536440	911010	3.35%	1.211%
13	7.781	806	815	823	rBV	826017	1393951	5.13%	1.852%
14	8.492	929	936	944	rBV	626536	1081829	3.98%	1.438%
15	8.934	1005	1011	1019	rBV	464290	792688	2.92%	1.053%
16	9.004	1019	1023	1028	rVB5	19852	31709	0.12%	0.042%
17	9.357	1078	1083	1088	rBV	21597	36499	0.13%	0.048%
18	9.498	1097	1107	1113	rBV3	51534	90003	0.33%	0.120%
19	9.657	1126	1134	1146	rBV	384481	686707	2.53%	0.912%
20	10.198	1218	1226	1241	rBV	577050	1106562	4.07%	1.470%
21	10.569	1278	1289	1305	rBV	1152509	2060907	7.59%	2.739%
22	10.710	1305	1313	1324	rBV	514568	1016919	3.74%	1.351%
23	11.857	1501	1508	1512	rBV3	16519	28829	0.11%	0.038%
24	13.239	1738	1743	1755	rVB5	20257	45591	0.17%	0.061%
25	13.822	1832	1842	1852	rBV	1103983	1590092	5.85%	2.113%
26	13.904	1852	1856	1859	rVB4	25533	35602	0.13%	0.047%
27	14.110	1881	1891	1902	rBV	1315460	2082312	7.67%	2.767%
28	14.416	1934	1943	1950	rBV	1763348	2618207	9.64%	3.479%
29	14.539	1959	1964	1970	rVB	45113	70804	0.26%	0.094%
30	14.639	1974	1981	1995	rBV	253720	560489	2.06%	0.745%
31	14.827	2008	2013	2020	rVB5	19553	42151	0.16%	0.056%
32	15.410	2105	2112	2118	rBV	1640973	2428956	8.94%	3.228%
33	15.533	2128	2133	2144	rVB	195999	308145	1.13%	0.409%
34	15.668	2146	2156	2162	rBV	282886	413922	1.52%	0.550%
35	15.774	2168	2174	2180	rBV	418076	610504	2.25%	0.811%
36	16.151	2232	2238	2243	rVB2	47221	79085	0.29%	0.105%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

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-BM092724.MA.M
Title : SVOA CALIBRATION

37	16.274	2255	2259	2266	rBV	63488	88070	0.32%	0.117%
38	16.392	2274	2279	2284	rBV	107748	154229	0.57%	0.205%
39	16.563	2304	2308	2316	rBV3	54727	77055	0.28%	0.102%
40	16.686	2325	2329	2335	rVB	110610	152606	0.56%	0.203%
41	16.974	2375	2378	2384	rVB4	35218	48882	0.18%	0.065%
42	17.033	2384	2388	2391	rBV3	59647	84105	0.31%	0.112%
43	17.068	2391	2394	2400	rVB	95839	132827	0.49%	0.176%
44	17.157	2403	2409	2414	rBV	2091914	3037015	11.18%	4.036%
45	17.257	2420	2426	2435	rVB	1754364	2572870	9.47%	3.419%
46	17.333	2435	2439	2446	rVB	125580	186750	0.69%	0.248%
47	17.610	2482	2486	2489	rBV	63821	80821	0.30%	0.107%
48	17.745	2504	2509	2517	rVB	113076	206495	0.76%	0.274%
49	17.868	2527	2530	2534	rBV4	32873	45867	0.17%	0.061%
50	18.057	2557	2562	2568	rBV	1350855	1822253	6.71%	2.421%
51	18.133	2568	2575	2579	rVB	17350706	27165565	100.00%	36.097%
52	18.227	2588	2591	2595	rVB4	86023	112529	0.41%	0.150%
53	18.333	2606	2609	2615	rVB6	46294	75089	0.28%	0.100%
54	18.457	2626	2630	2634	rBV3	98511	130147	0.48%	0.173%
55	18.627	2656	2659	2662	rBV5	49191	71395	0.26%	0.095%
56	18.774	2681	2684	2688	rVB3	85205	100956	0.37%	0.134%
57	19.209	2755	2758	2765	rVB	190440	258855	0.95%	0.344%
58	19.327	2774	2778	2791	rVB	793646	1146789	4.22%	1.524%
59	19.545	2810	2815	2829	rBV	2322785	3498417	12.88%	4.649%
60	19.927	2877	2880	2888	rBV	271502	346033	1.27%	0.460%
61	20.521	2976	2981	2986	rVB	746012	975518	3.59%	1.296%
62	21.062	3069	3073	3077	rBV	385661	503335	1.85%	0.669%
63	21.386	3123	3128	3134	rBV2	2047334	3024621	11.13%	4.019%
64	24.174	3595	3602	3611	rVB	1088897	2604785	9.59%	3.461%
65	24.380	3630	3637	3649	rVB	1252768	3258204	11.99%	4.329%

Sum of corrected areas: 75256125

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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Acq On : 16 Oct 2024 15:53
Operator : RC/JU
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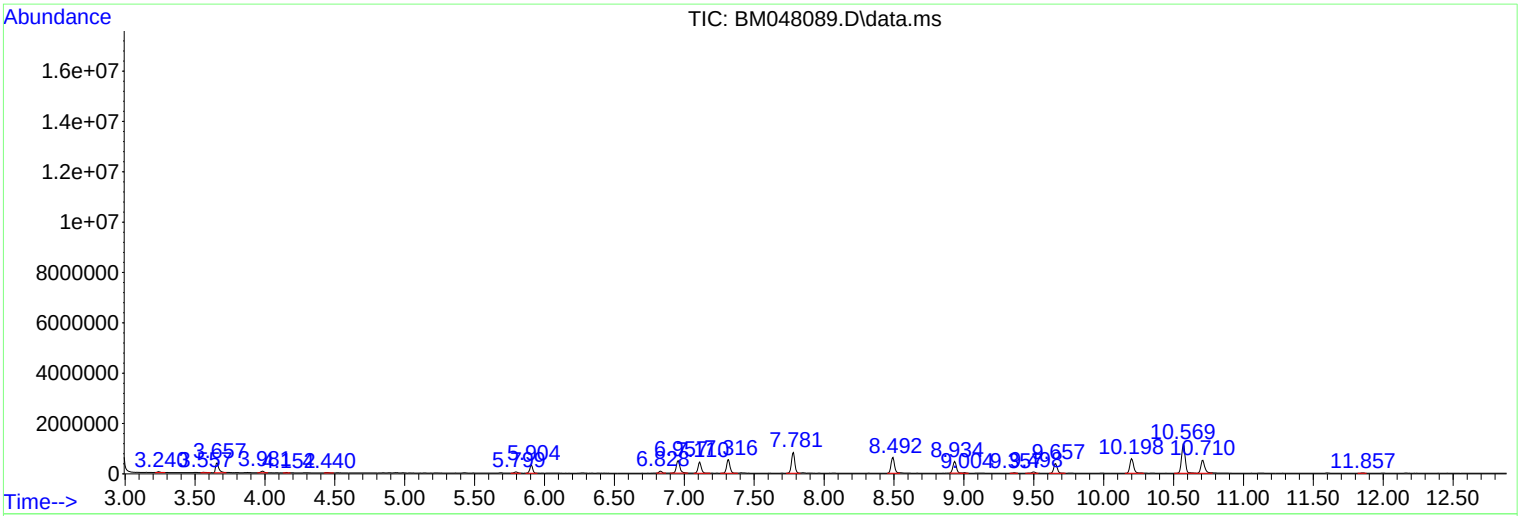
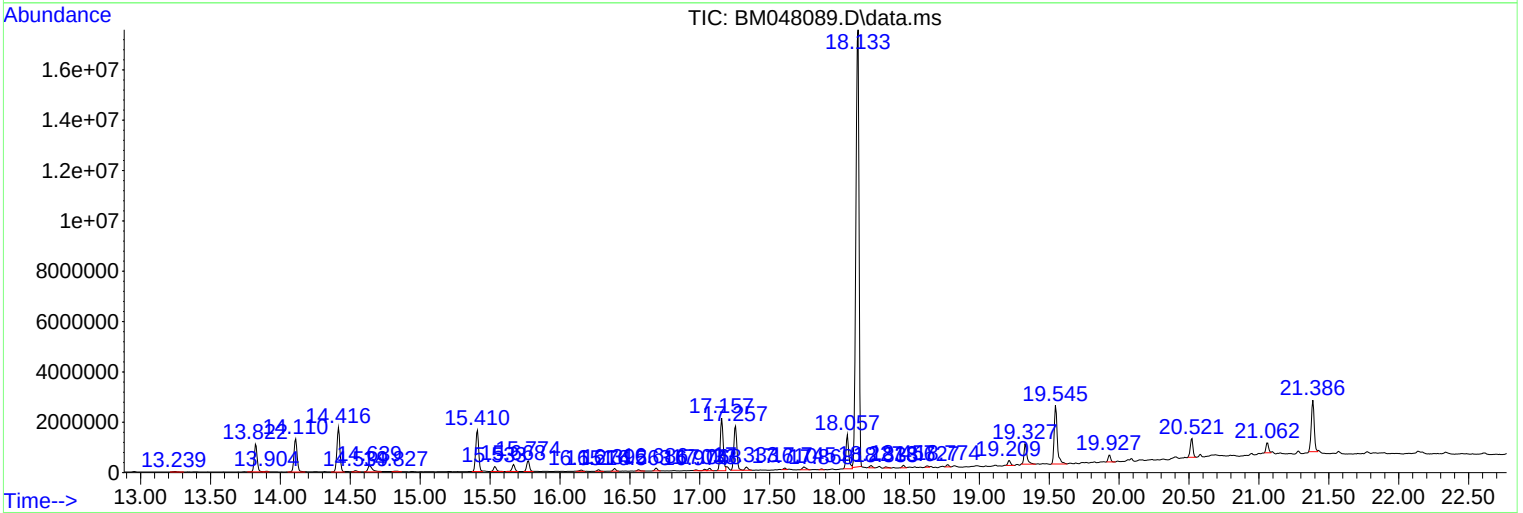
Misc :
ALS Vial : 7 Sample Multiplier: 1

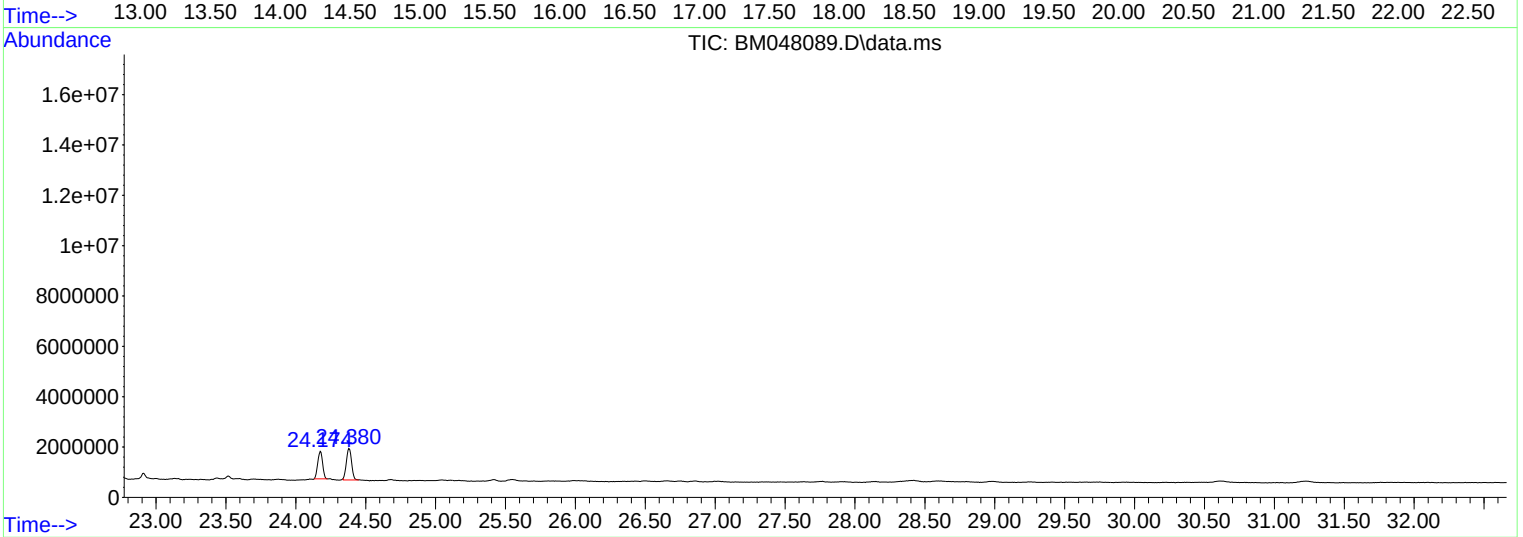
Instrument :
BNA_M
ClientSampleId :
A4EN4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

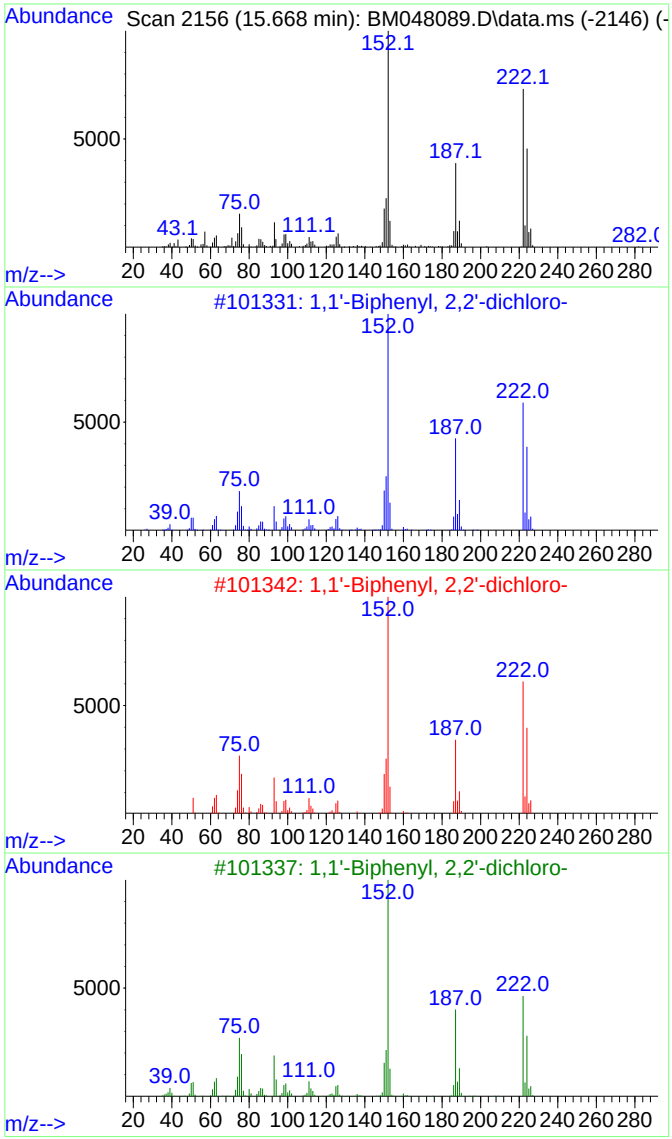
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

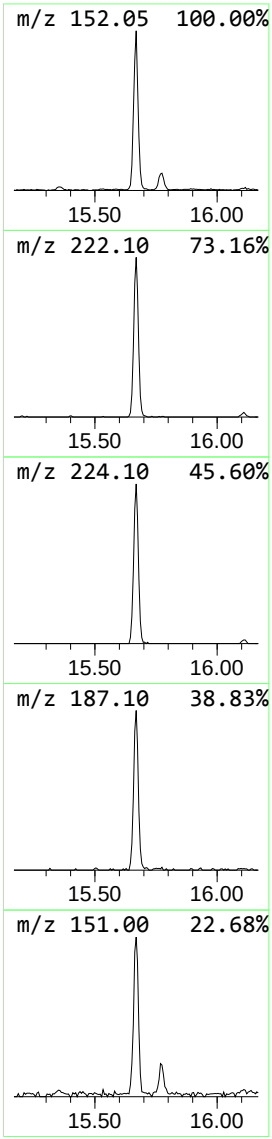
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	3.16 ng/ul	413922	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

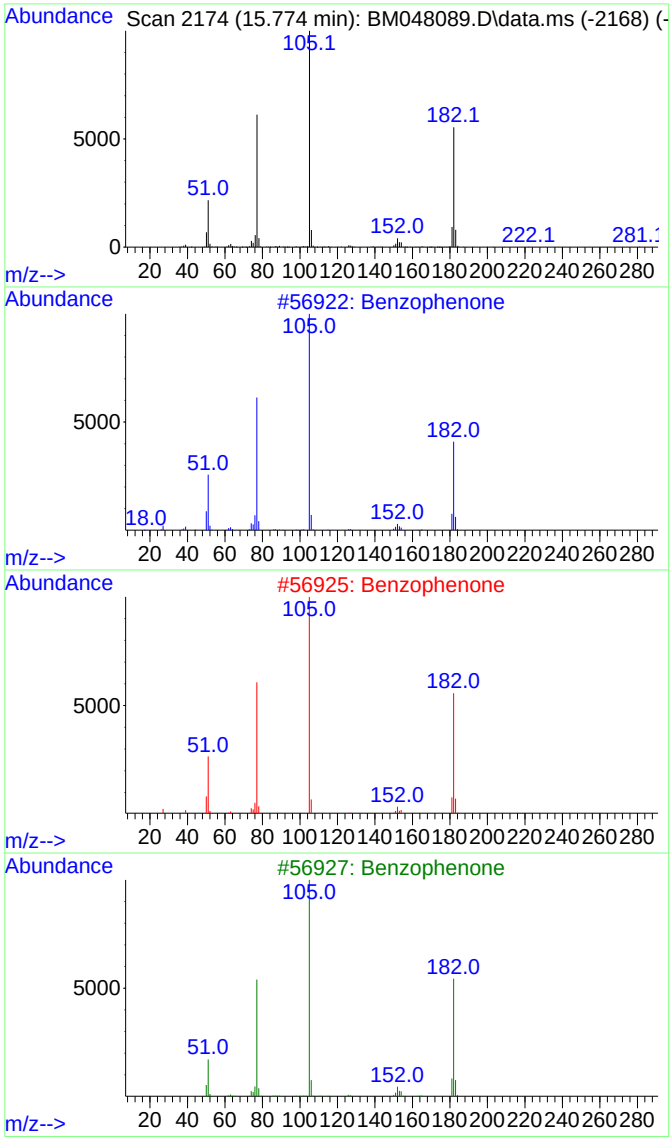
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

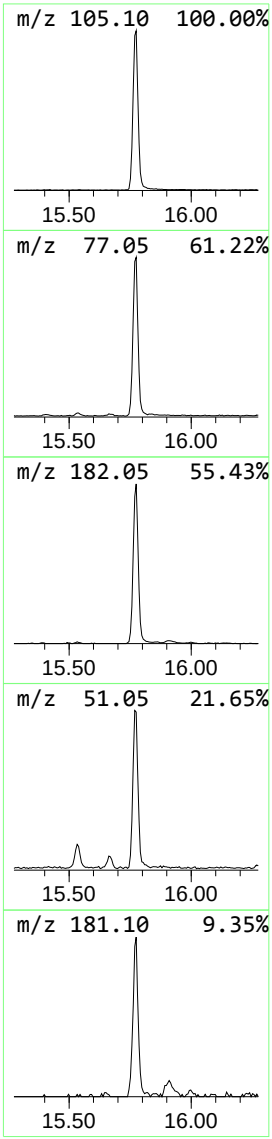
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	4.66 ng/ul	610504	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

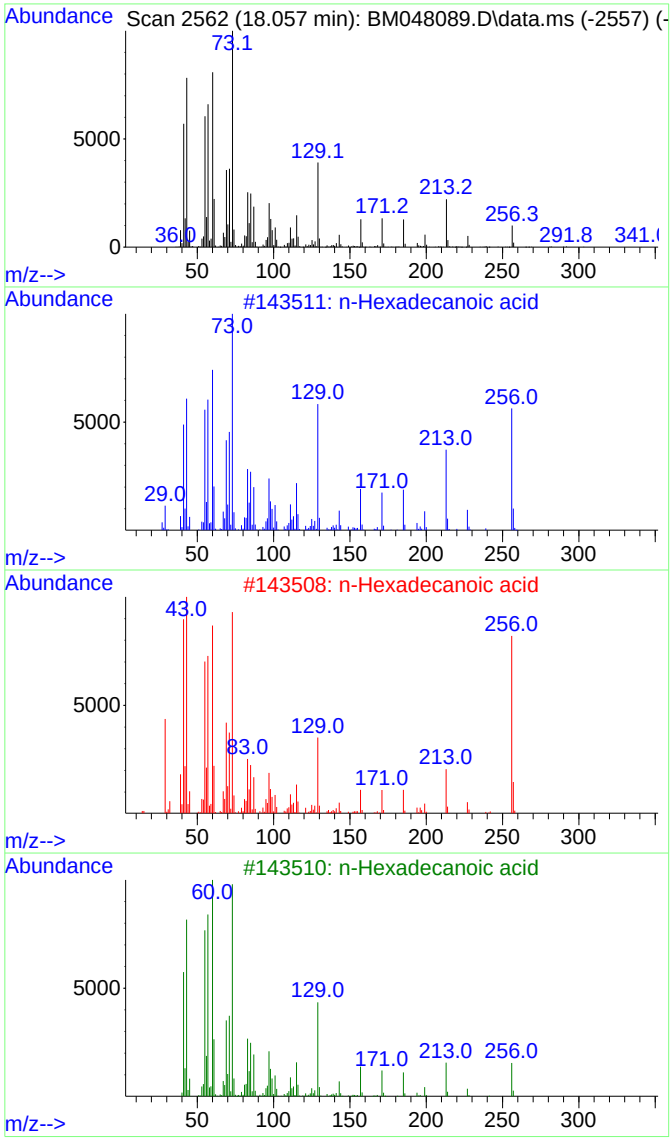
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

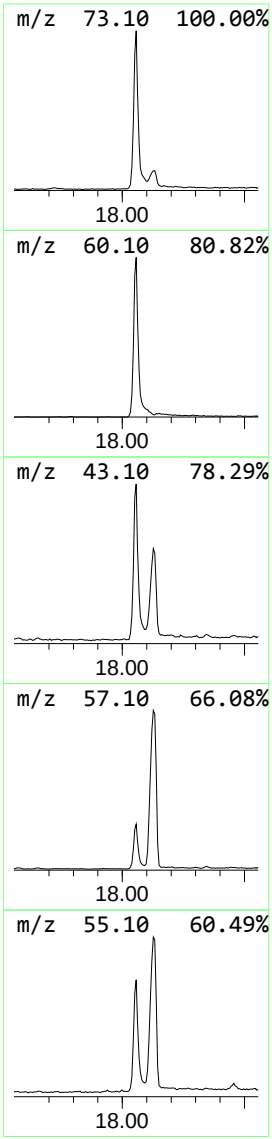
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	12.00 ng/ul	1822250	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
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Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

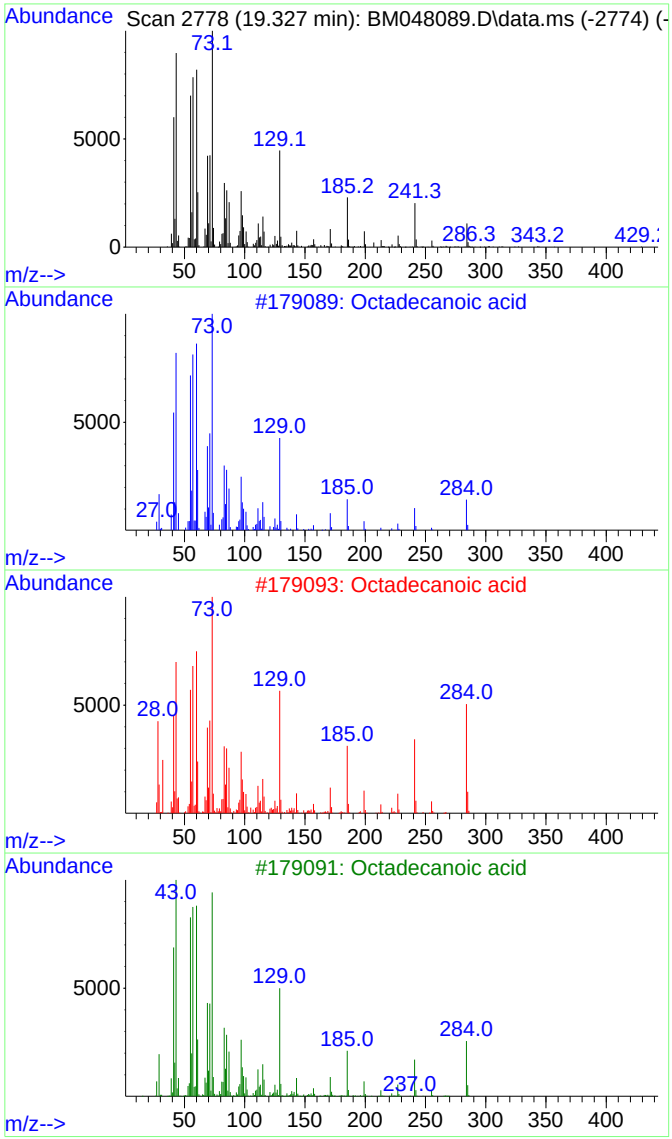
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

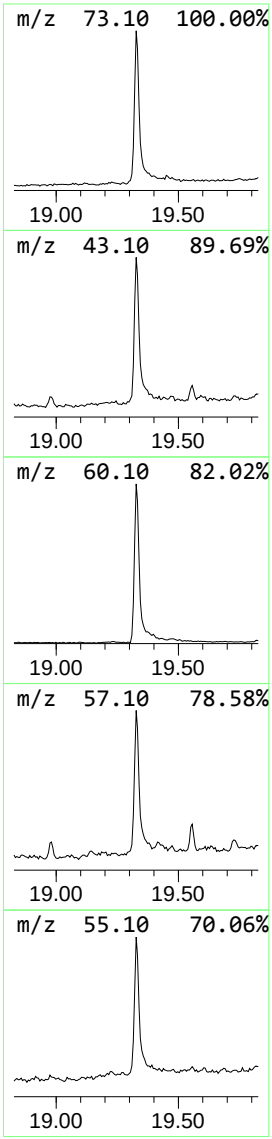
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	7.58 ng/ul	1146790	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

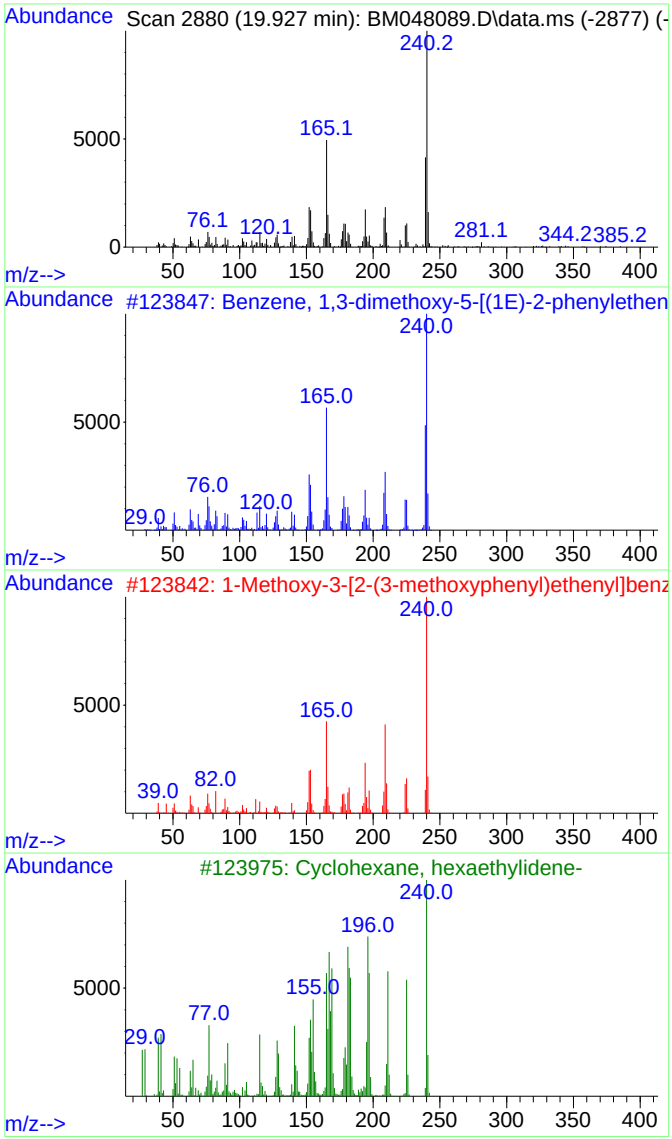
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

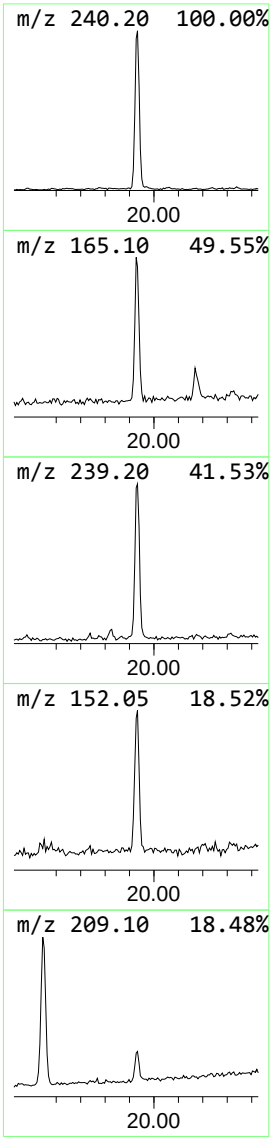
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	2.29 ng/ul	346033	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2	1-Methoxy-3-[2-(3-methoxyphenyl)...	240	C16H16O2	006325-63-9	64
3	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	60
4	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	60
5	Benzene, 1,1'-(1,2-ethenediyl)bi...	240	C16H16O2	004705-34-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

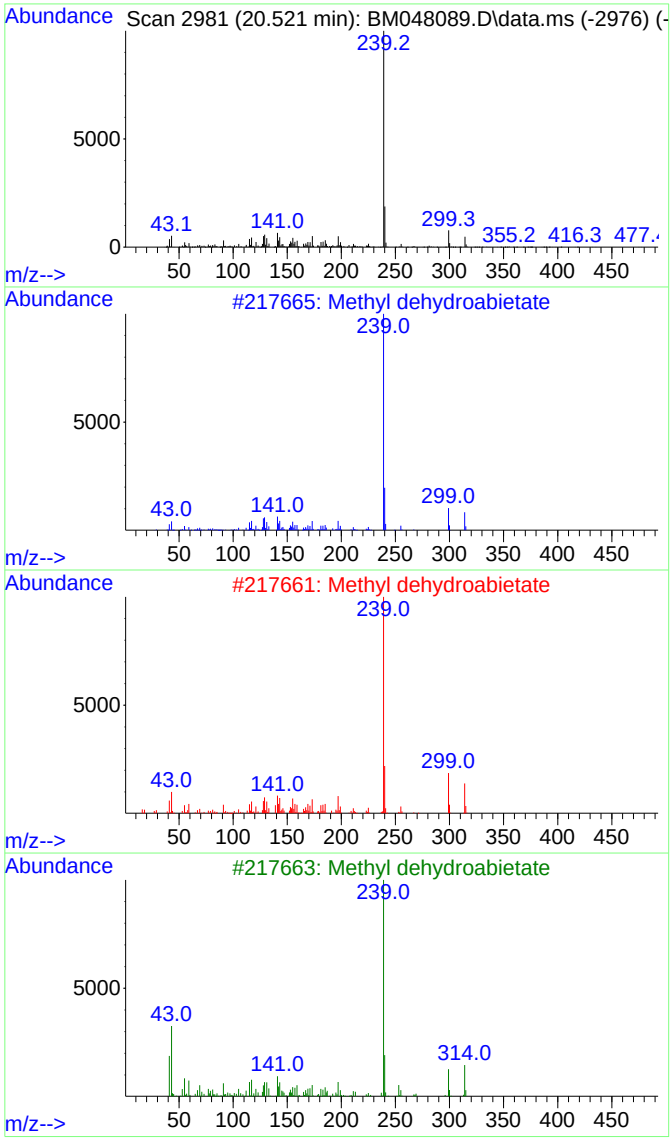
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

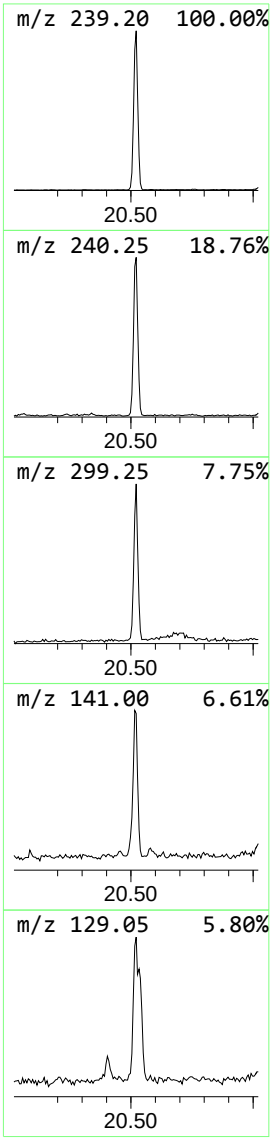
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Methyl dehydroabietate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.521	6.45 ng/ul	975518	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	98
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	93
3	Methyl dehydroabietate	314	C21H30O2	001235-74-1	93
4	Trimethylsilyl 2-amino-4-nitrobe...	254	C10H14N2O4Si	1000473-63-5	76
5	Methyl dehydroabietate	314	C21H30O2	001235-74-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

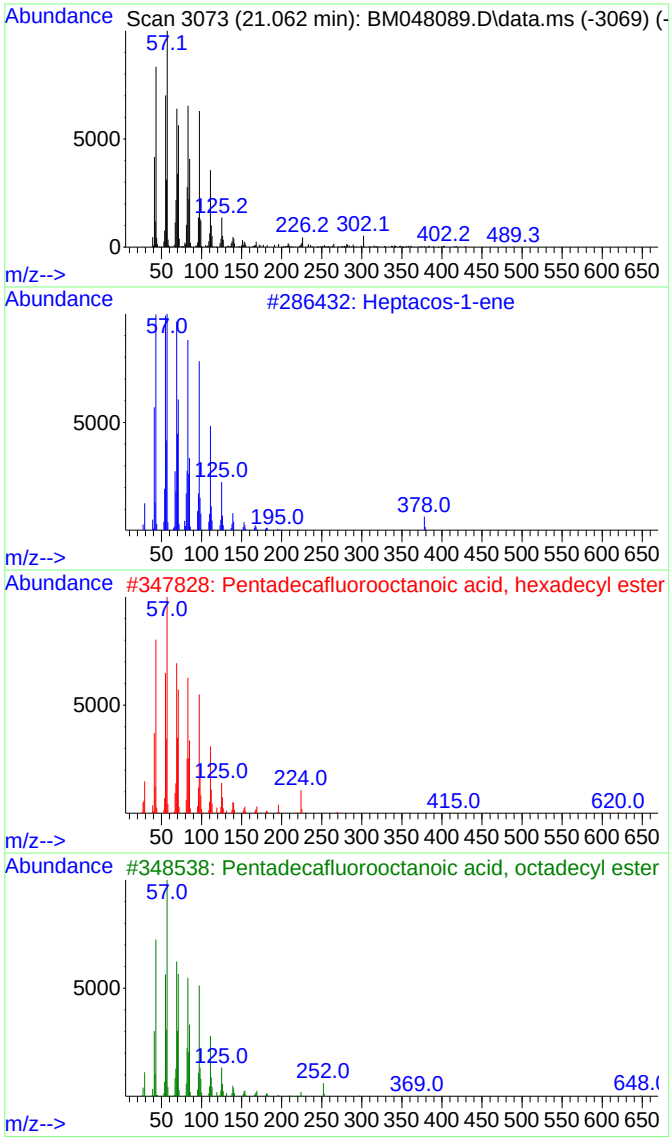
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

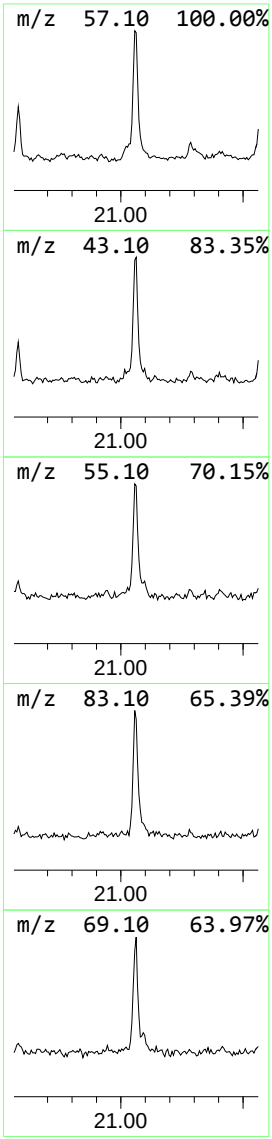
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.062	3.33 ng/ul	503335	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacos-1-ene	378	C27H54	015306-27-1	94
2	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	93
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048089.D
Acq On : 16 Oct 2024 15:53
Operator : RC/JU
Sample : P4329-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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
1,1'-Biphenyl, ...	15.669	3.2	ng/ul	413922	3	14.416	2618210	20.0
Benzophenone	15.774	4.7	ng/ul	610504	3	14.416	2618210	20.0
n-Hexadecanoic ...	18.057	12.0	ng/ul	1822250	4	17.157	3037020	20.0
Octadecanoic acid	19.327	7.6	ng/ul	1146790	5	21.386	3024620	20.0
Benzene, 1,3-di...	19.927	2.3	ng/ul	346033	5	21.386	3024620	20.0
Methyl dehydroa...	20.521	6.5	ng/ul	975518	5	21.386	3024620	20.0
(DEL) Alkane: S...	21.062	3.3	ng/ul	503335	5	21.386	3024620	20.0