LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
Data File : BN033407.D
Acq On : 15 Aug 2024 20:13
Operator : MA/JU
Sample : PB162679BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK679

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_N\Methods\SFAM-EPA-BN081424.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN033407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	25	29	38	rVB	111102	141879	1.62%	0.133%
2	3.540	90	94	118	rBV	1403020	2136985	24.42%	1.999%
3	3.863	144	149	154	rBV	25933	33731	0.39%	0.032%
4	6.751	632	640	651	rBV	1884233	2930674	33.48%	2.741%
5	6.916	660	668	681	rVB	1543064	2305607	26.34%	2.156%
6	7.104	693	700	713	rVB	1902979	2880890	32.92%	2.694%
7	7.569	771	779	788	rBV	1598256	2460913	28.12%	2.301%
8	8.269	891	898	908	rBV	2272997	3605406	41.19%	3.372%
9	8.710	965	973	981	rBV	1778680	2836984	32.41%	2.653%
10	9.422	1087	1094	1103	rBV	1404811	2239256	25.59%	2.094%
11	9.957	1177	1185	1195	rBV	2242004	3625068	41.42%	3.390%
12	10.334	1240	1249	1259	rVB	2292643	3699509	42.27%	3.460%
13	10.469	1264	1272	1281	rBV	2325893	3804750	43.47%	3.558%
14	11.134	1381	1385	1390	rBV6	8457	13571	0.16%	0.013%
15	11.928	1515	1520	1526	rVB2	40744	66876	0.76%	0.063%
16	12.145	1551	1557	1563	rVB9	4738	11407	0.13%	0.011%
17	13.175	1728	1732	1740	rVB7	5580	10577	0.12%	0.010%
18	13.628	1802	1809	1816	rBV	3631159	5102215	58.30%	4.772%
19	13.898	1847	1855	1862	rBV	4253100	6292692	71.90%	5.885%
20	14.204	1900	1907	1916	rBV	3249704	4838163	55.28%	4.525%
21	14.292	1916	1922	1926	rVV9	7175	15112	0.17%	0.014%
22	14.410	1934	1942	1958	rBV	1933721	2757731	31.51%	2.579%
23	14.633	1976	1980	1983	rBV5	9351	12715	0.15%	0.012%
24	15.051	2047	2051	2054	rBV6	6140	9620	0.11%	0.009%
25	15.210	2071	2078	2084	rBV	5182075	7656127	87.48%	7.160%
26	15.322	2090	2097	2113	rBV	1545384	2131439	24.35%	1.993%
27	15.445	2114	2118	2123	rVB2	25037	36198	0.41%	0.034%
28	15.992	2206	2211	2217	rBV5	17843	25492	0.29%	0.024%
29	16.639	2317	2321	2326	rVB5	9316	13355	0.15%	0.012%
30	16.745	2335	2339	2341	rBV2	9902	14010	0.16%	0.013%
31	16.957	2368	2375	2383	rBV	3920888	5520211	63.07%	5.163%
32	17.057	2385	2392	2402	rBV2	5800206	8140293	93.01%	7.613%
33	17.233	2418	2422	2424	rBV4	10597	17154	0.20%	0.016%
34	17.339	2431	2440	2461	rBV	1558981	2887768	32.99%	2.701%
35	17.886	2529	2533	2542	rVB6	25430	40327	0.46%	0.038%
36	17.945	2542	2543	2549	rBV3	6075	9149	0.10%	0.009%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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_N\Methods\SFAM-EPA-BN081424.MA.M
Title : SVOA CALIBRATION

37	18.180	2579	2583	2589	rVB7	16175	30093	0.34%	0.028%
38	18.921	2704	2709	2714	rBV	76400	102246	1.17%	0.096%
39	18.986	2716	2720	2725	rVB	67670	93034	1.06%	0.087%
40	19.180	2750	2753	2757	rBV5	18849	21118	0.24%	0.020%
41	19.357	2777	2783	2789	rBV	6408962	8752217	100.00%	8.185%
42	19.416	2789	2793	2819	rVB	1306050	2211624	25.27%	2.068%
43	20.392	2957	2959	2964	rVB5	27449	28622	0.33%	0.027%
44	21.192	3089	3095	3106	rBV	3441910	4733376	54.08%	4.427%
45	22.598	3331	3334	3339	rVB	96473	150965	1.72%	0.141%
46	23.309	3451	3455	3462	rVB	143388	256639	2.93%	0.240%
47	23.827	3534	3543	3558	rVB2	3015466	6892412	78.75%	6.446%
48	24.015	3567	3575	3587	rVB2	1902781	4374291	49.98%	4.091%
49	24.139	3591	3596	3605	rVB	200888	451587	5.16%	0.422%
50	25.127	3758	3764	3774	rVB2	199602	504694	5.77%	0.472%

Sum of corrected areas: 106926772

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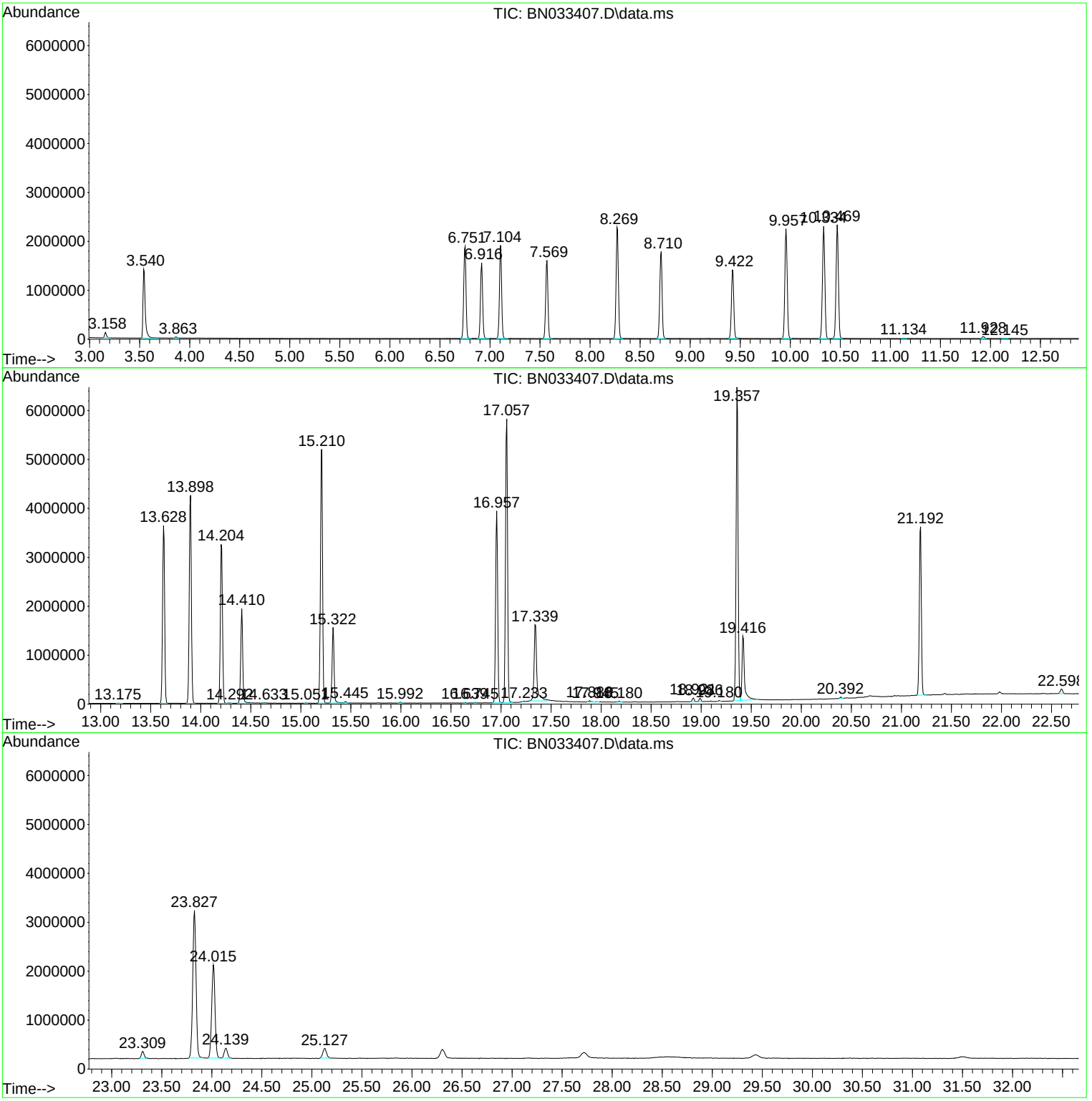
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

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



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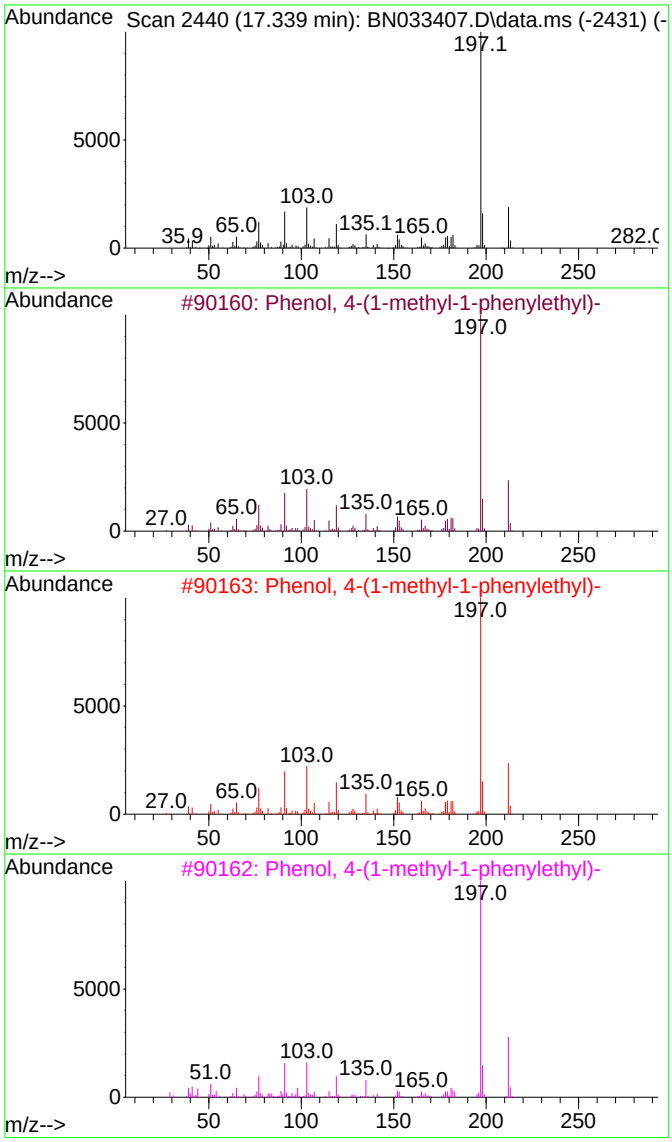
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

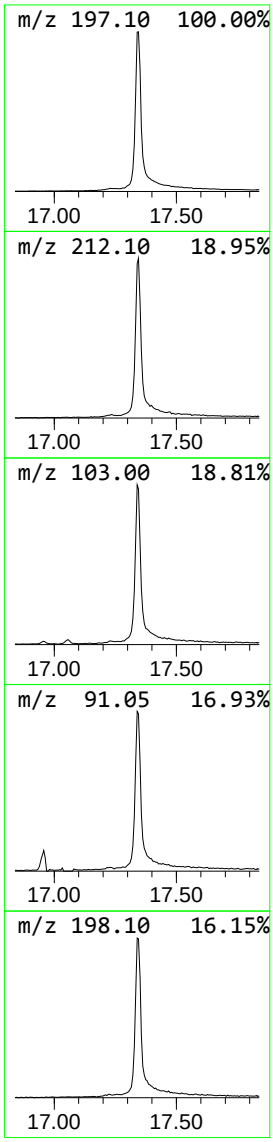
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.339	10.46 ng/ul	2887770	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	99
2	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	98
3	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	91
4	Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	74
5	2,3-Dimethyl-4-biphenylamine	197	C14H15N	022750-87-4	70





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Instrument :
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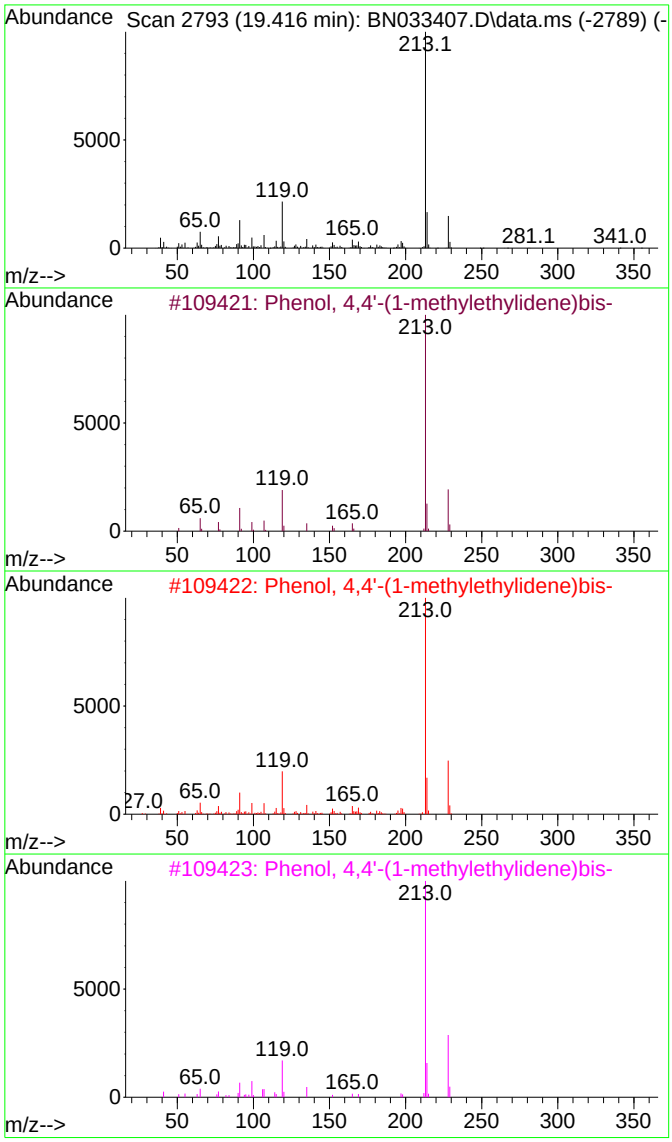
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

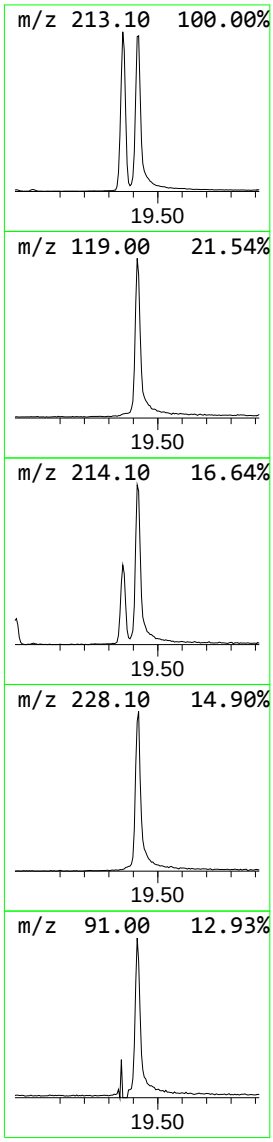
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	9.34 ng/ul	2211620	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
5	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	74





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Instrument :
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ClientSampleId :
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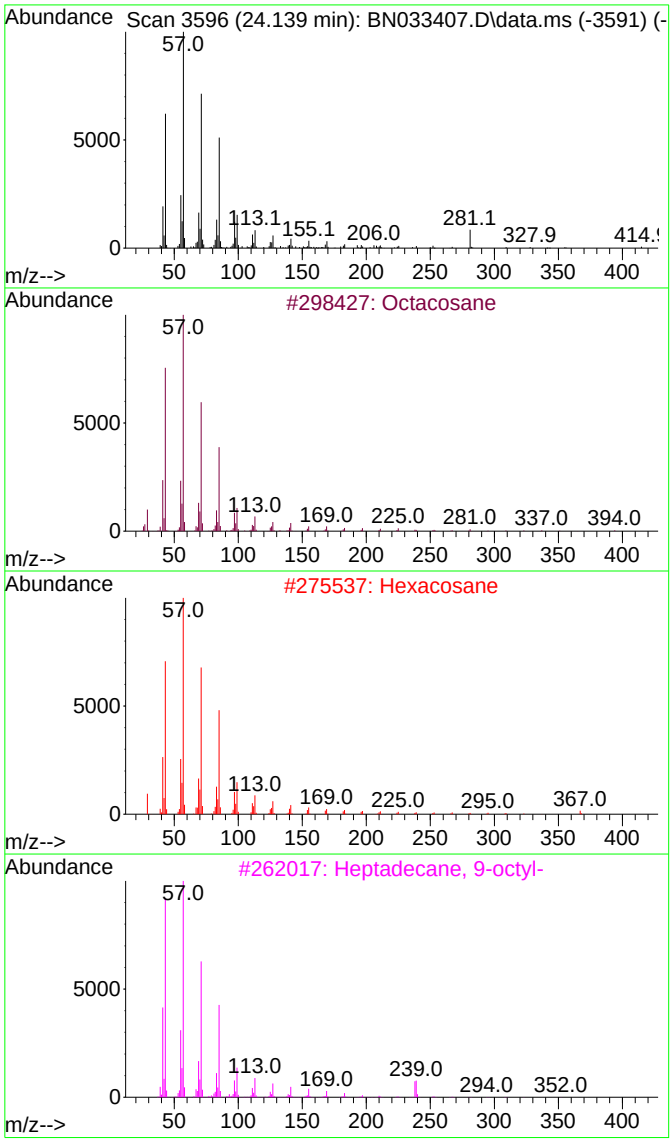
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

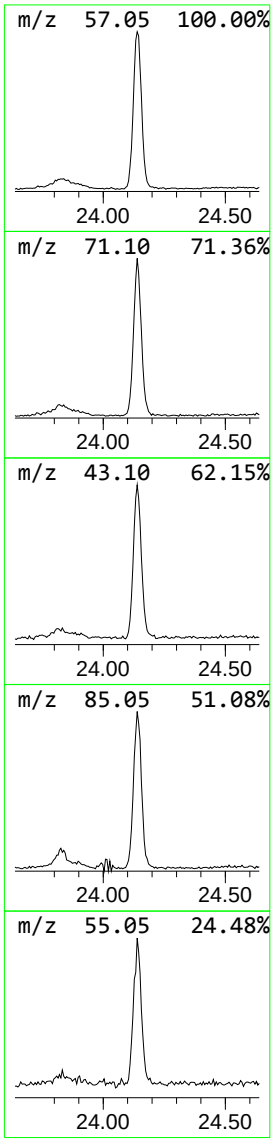
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.139	2.06 ng/ul	451587	Perylene-d12	24.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Triacontane	422	C30H62	000638-68-6	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument :
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ClientSampleId :
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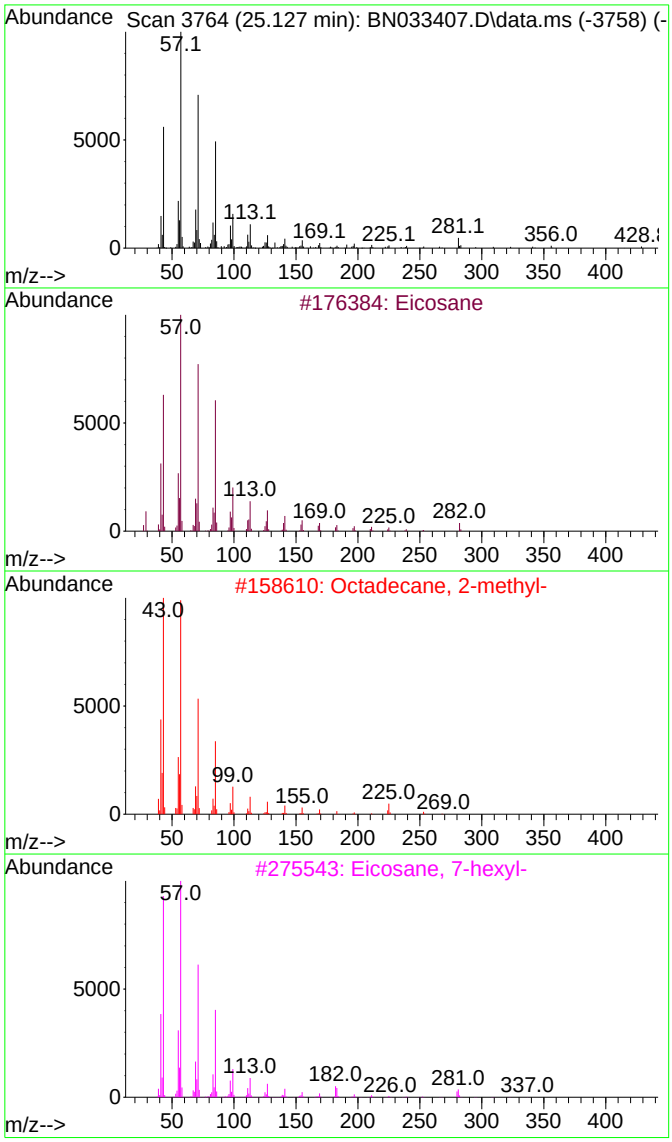
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION

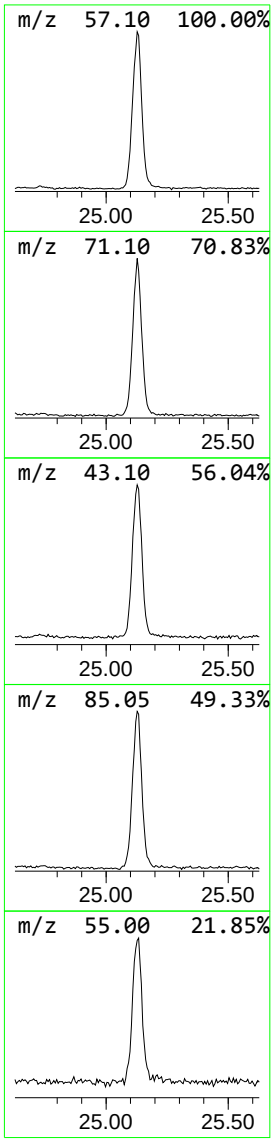
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.127	2.31 ng/ul	504694	Perylene-d12	24.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

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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
Phenol, 4-(1-me...	17.339	10.5	ng/ul	2887770	4	16.957	5520210	20.0
Phenol, 4,4'-(1...	19.416	9.3	ng/ul	2211620	5	21.192	4733380	20.0
(DEL) Alkane: S...	24.139	2.1	ng/ul	451587	6	24.015	4374290	20.0
(DEL) Alkane: S...	25.127	2.3	ng/ul	504694	6	24.015	4374290	20.0