LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

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\SOM-EPA-BN051819MA.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	4.957	330	335	343	rVB	139041	223063	9.37%	0.738%
2	6.775	640	644	654	rVB2	28289	65083	2.73%	0.215%
3	6.916	663	668	681	rVB	154373	263200	11.05%	0.870%
4	7.110	696	701	715	rBV	171795	320155	13.44%	1.059%
5	7.457	756	760	765	rBV	34206	50188	2.11%	0.166%
6	7.569	773	779	782	rBV	481671	783850	32.91%	2.592%
7	7.598	782	784	792	rVB	269607	408933	17.17%	1.352%
8	7.910	831	837	847	rVB	1287942	2163211	90.83%	7.154%
9	8.287	896	901	915	rBV	108890	224388	9.42%	0.742%
10	8.716	968	974	977	rBV	237370	420596	17.66%	1.391%
11	8.757	977	981	993	rVB	870641	1498221	62.91%	4.955%
12	9.434	1091	1096	1109	rVB	177495	343422	14.42%	1.136%
13	9.981	1183	1189	1201	rBV	230303	461132	19.36%	1.525%
14	10.198	1219	1226	1236	rBV	446818	763968	32.08%	2.527%
15	10.328	1241	1248	1261	rVV	676834	1125275	47.25%	3.721%
16	10.716	1307	1314	1324	rVB	334913	556912	23.38%	1.842%
17	10.939	1345	1352	1369	rBV	647096	1318190	55.35%	4.359%
18	11.157	1383	1389	1405	rBV	111618	311547	13.08%	1.030%
19	11.616	1465	1467	1473	rVB4	6835	7512	0.32%	0.025%
20	11.680	1475	1478	1487	rVB2	11892	23651	0.99%	0.078%
21	12.369	1590	1595	1598	rBV2	19563	36763	1.54%	0.122%
22	12.804	1665	1669	1678	rVB3	19767	36079	1.51%	0.119%
23	13.004	1697	1703	1712	rBV	153878	262305	11.01%	0.867%
24	13.180	1727	1733	1737	rBV5	13821	25066	1.05%	0.083%
25	13.304	1749	1754	1763	rVB4	6312	15439	0.65%	0.051%
26	13.627	1802	1809	1821	rBV	557415	883078	37.08%	2.920%
27	13.722	1821	1825	1836	rVB7	11056	26420	1.11%	0.087%
28	13.898	1848	1855	1867	rBV	669952	1034355	43.43%	3.421%
29	14.204	1901	1907	1920	rBV2	1026438	1625845	68.27%	5.377%
30	14.521	1956	1961	1962	rBV2	7791	10310	0.43%	0.034%
31	14.557	1965	1967	1969	rVV2	7050	7340	0.31%	0.024%
32	14.580	1969	1971	1974	rVB3	2830	3447	0.14%	0.011%
33	14.727	1991	1996	1999	rBV4	5195	6253	0.26%	0.021%
34	14.880	2018	2022	2027	rBV3	2699	3714	0.16%	0.012%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

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\SOM-EPA-BN051819MA.M
Title : SVOA CALIBRATION

35	14.974	2032	2038	2046	rVB3	7940	13141	0.55%	0.043%
36	15.210	2072	2078	2092	rBV	879636	1313816	55.17%	4.345%
37	15.380	2102	2107	2116	rBV	133535	244466	10.26%	0.808%
38	15.451	2116	2119	2125	rVB5	9446	16379	0.69%	0.054%
39	16.215	2245	2249	2254	rBV3	12361	15686	0.66%	0.052%
40	16.563	2301	2308	2312	rBV3	5330	7378	0.31%	0.024%
41	16.763	2337	2342	2344	rBV	3528	4432	0.19%	0.015%
42	16.804	2344	2349	2353	rBV2	9608	14806	0.62%	0.049%
43	16.963	2370	2376	2388	rBV2	1457585	2094483	87.94%	6.927%
44	17.068	2388	2394	2409	rVV	994247	1524672	64.02%	5.042%
45	17.168	2409	2411	2415	rVV4	5006	6720	0.28%	0.022%
46	17.210	2415	2418	2424	rVV2	6536	9140	0.38%	0.030%
47	17.363	2439	2444	2450	rVB5	1254	2561	0.11%	0.008%
48	17.621	2483	2488	2492	rBV4	4251	7780	0.33%	0.026%
49	17.721	2500	2505	2506	rBV	4052	3136	0.13%	0.010%
50	17.886	2529	2533	2539	rVB3	4761	6792	0.29%	0.022%
51	17.945	2539	2543	2550	rBV4	7066	9642	0.40%	0.032%
52	18.345	2601	2611	2621	rVB	432381	621874	26.11%	2.057%
53	18.427	2621	2625	2627	rBV2	2515	2750	0.12%	0.009%
54	18.480	2630	2634	2639	rVB3	13136	16610	0.70%	0.055%
55	18.651	2660	2663	2667	rBV	2021	3191	0.13%	0.011%
56	18.874	2698	2701	2705	rBV	1777	2556	0.11%	0.008%
57	19.021	2721	2726	2735	rBV2	10977	19113	0.80%	0.063%
58	19.186	2750	2754	2757	rBV4	4682	7347	0.31%	0.024%
59	19.274	2765	2769	2773	rVB2	7498	8377	0.35%	0.028%
60	19.386	2781	2788	2801	rBV	1221135	1827801	76.75%	6.045%
61	19.645	2831	2832	2835	rVB3	2845	2393	0.10%	0.008%
62	19.680	2835	2838	2841	rBV4	2304	2404	0.10%	0.008%
63	19.945	2877	2883	2886	rVV6	5003	8979	0.38%	0.030%
64	20.104	2906	2910	2912	rBV4	2922	4005	0.17%	0.013%
65	20.398	2958	2960	2962	rBV3	3081	2456	0.10%	0.008%
66	20.456	2967	2970	2974	rBV4	5747	6227	0.26%	0.021%
67	20.927	3047	3050	3053	rVB3	9005	10119	0.42%	0.033%
68	21.203	3092	3097	3111	rBV	1594087	2381594	100.00%	7.876%
69	21.368	3122	3125	3129	rVB4	24025	26479	1.11%	0.088%
70	21.798	3195	3198	3204	rVB3	45703	54874	2.30%	0.181%
71	22.256	3272	3276	3281	rVB	96528	114332	4.80%	0.378%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

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\SOM-EPA-BN051819MA.M
Title : SVOA CALIBRATION

72	22.750	3355	3360	3365	rVB	128035	188615	7.92%	0.624%
73	23.274	3442	3449	3460	rBV2	737816	1635577	68.68%	5.409%
74	23.415	3466	3473	3486	rVB	894746	1869274	78.49%	6.182%
75	23.921	3553	3559	3566	rVB2	137723	259454	10.89%	0.858%
76	24.639	3675	3681	3693	rVB2	123620	255966	10.75%	0.846%
77	25.474	3818	3823	3836	rVB2	78024	184985	7.77%	0.612%
78	26.456	3986	3990	3997	rVB4	49429	116869	4.91%	0.386%

Sum of corrected areas: 30238162

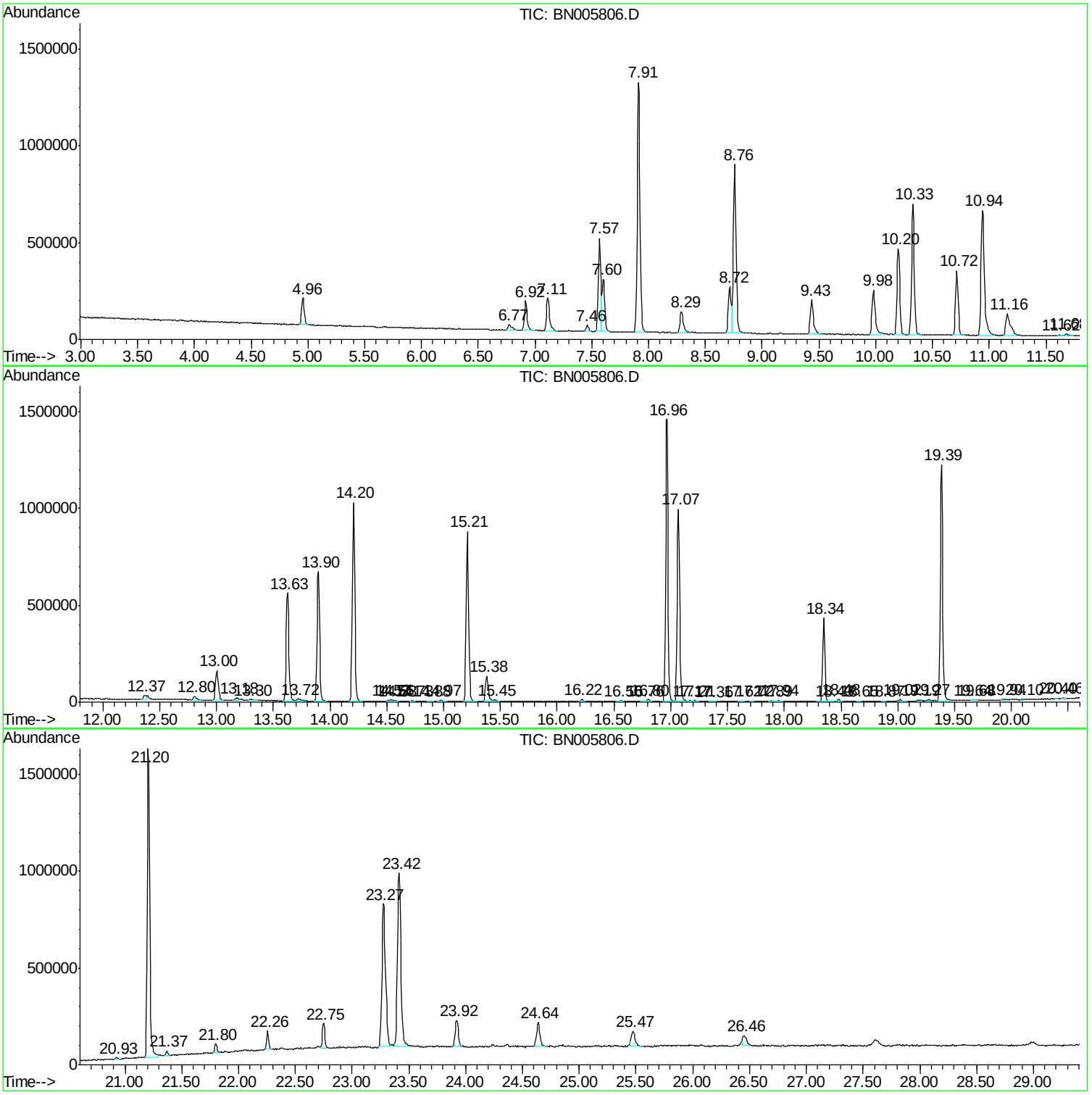
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

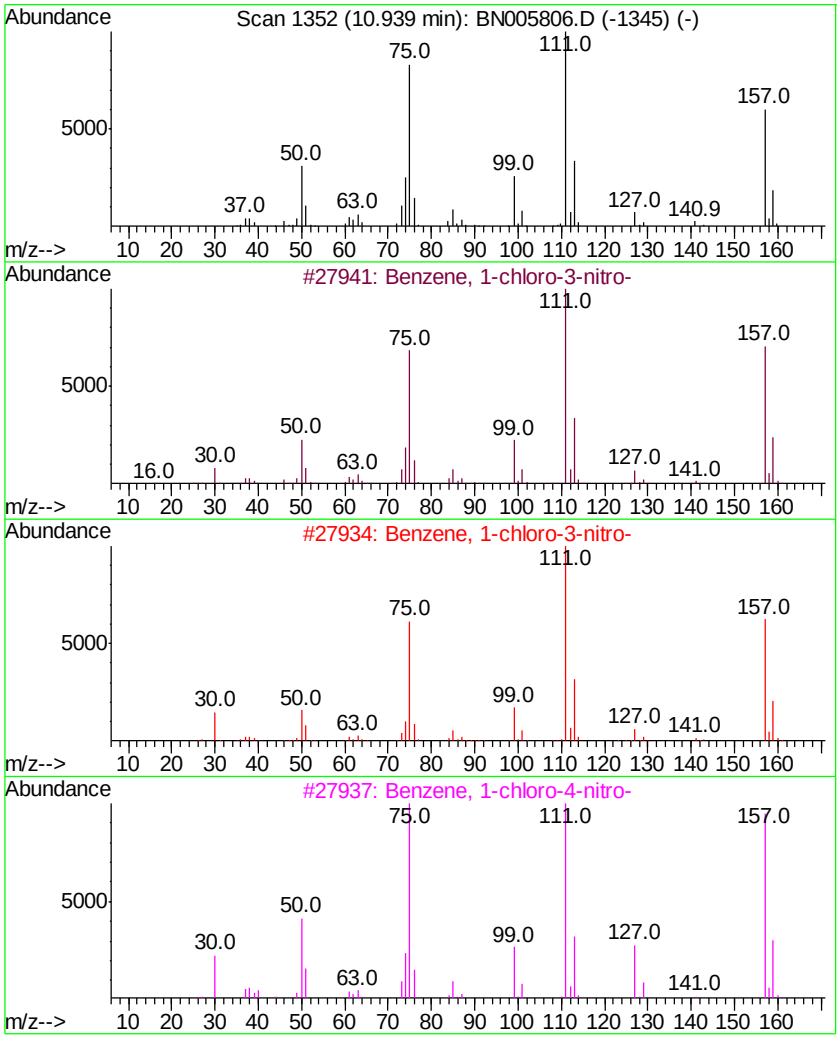
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

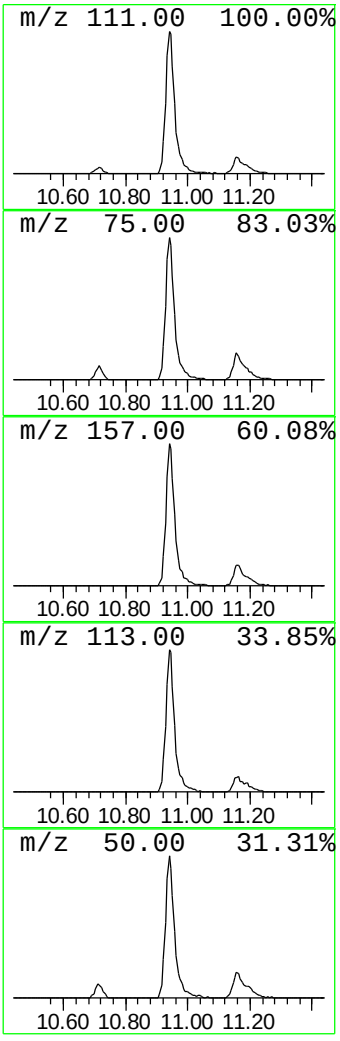
****

Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	23.43 ng/ul	1318190	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

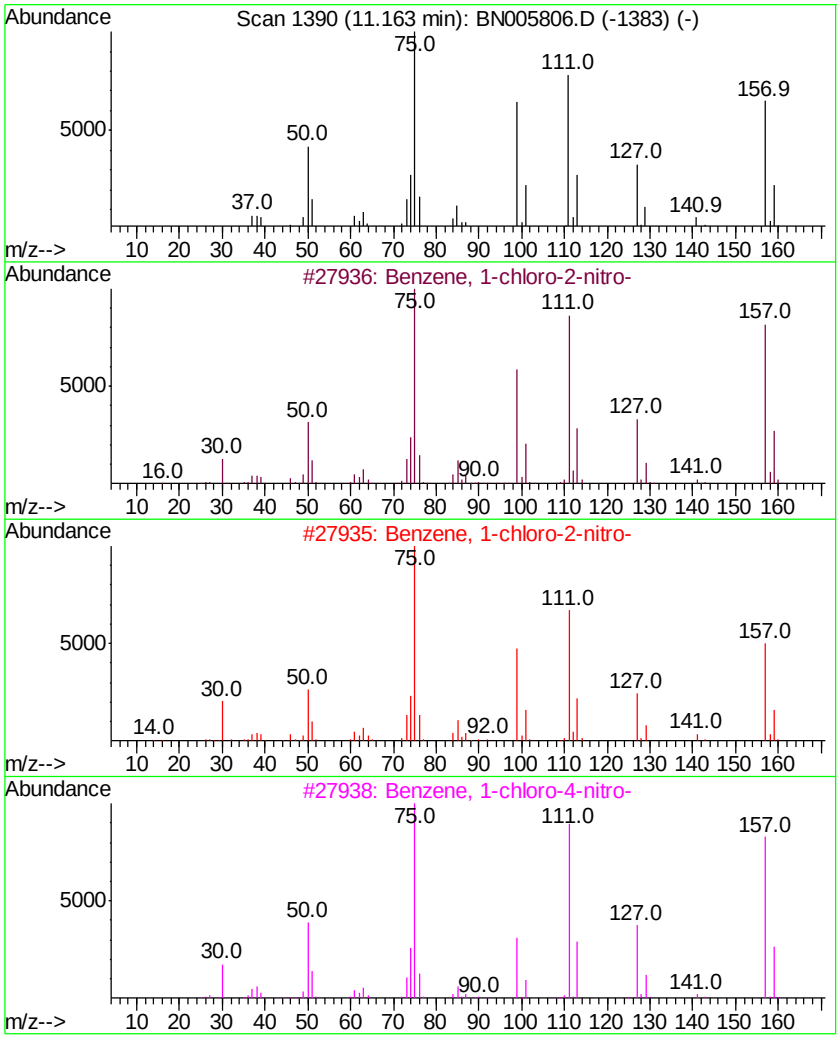
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

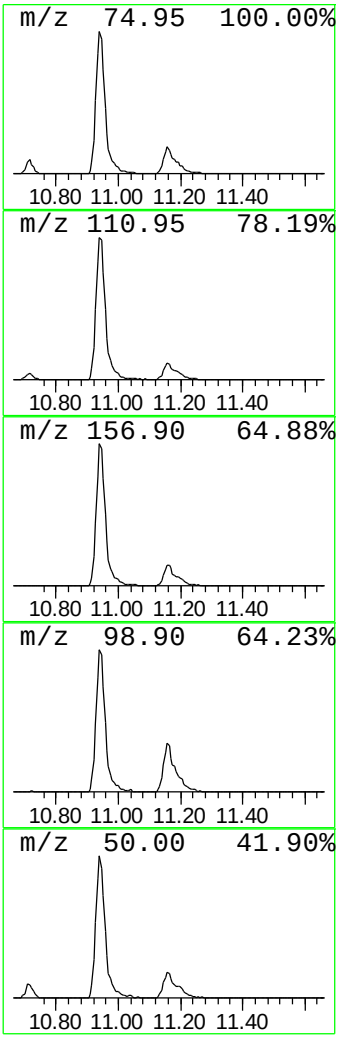
****

Peak Number 6 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	5.54 ng/ul	311547	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

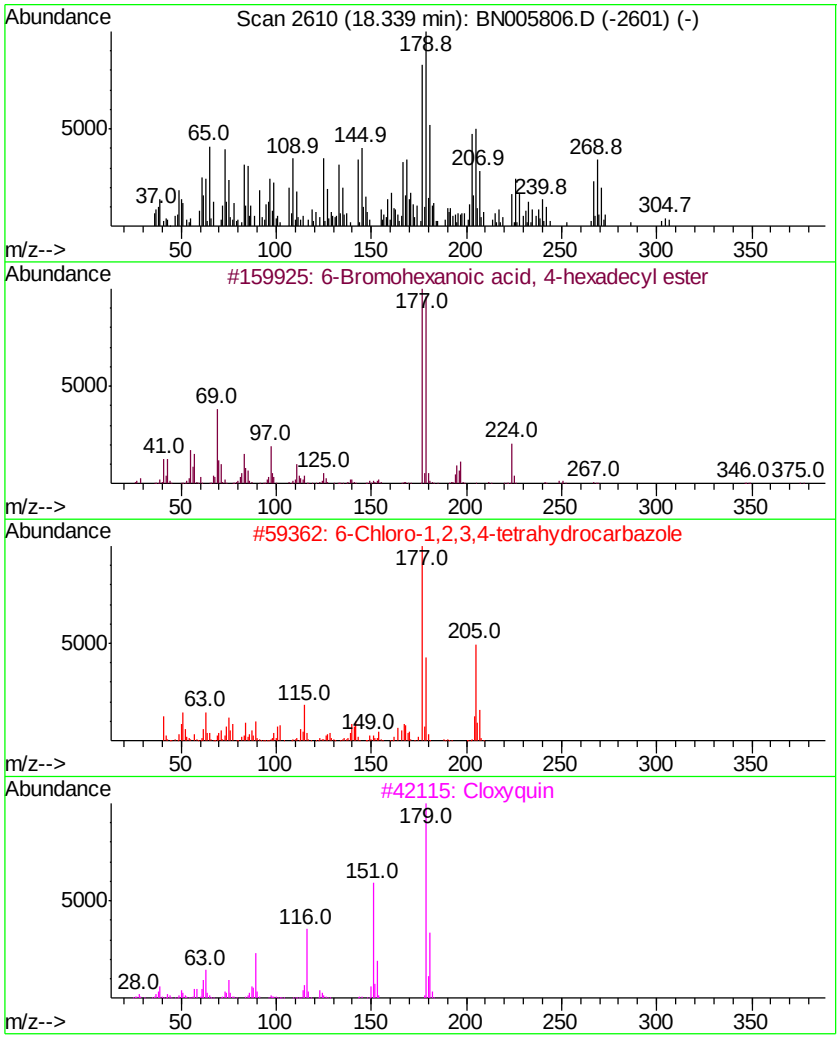
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

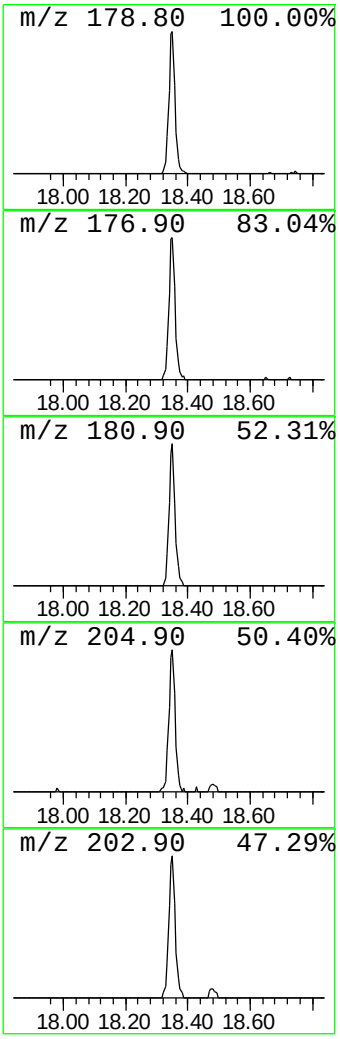
****

Peak Number 7 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	5.94 ng/ul	621874	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromohexanoic acid, 4-hexadecv...	418	C22H43BrO2	1000282-90-6	30
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
3	Cloxyquin	179	C9H6ClNO	000130-16-5	25
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	25
5	5-Chloro-4-methyl-8-quinolinecar...	205	C11H8ClNO	028662-47-7	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
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Sample : K2742-01DL 2X
Misc :
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Instrument : BNA_N
ClientSampleId : C0C26DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

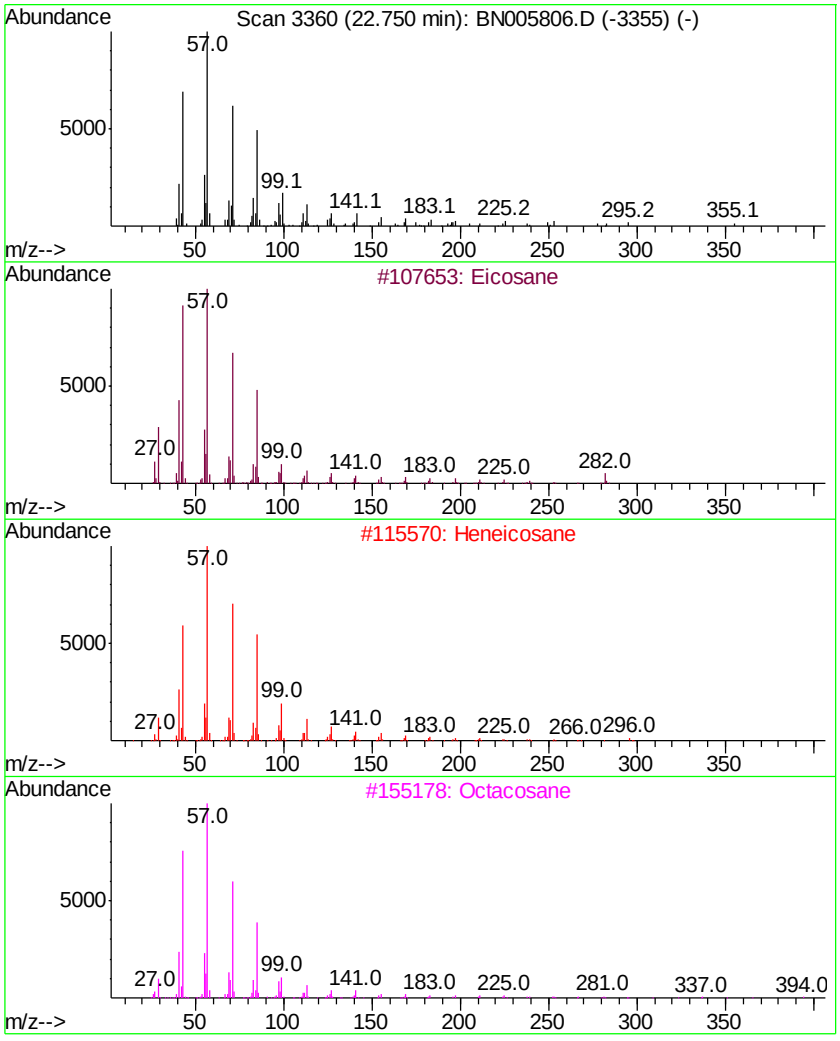
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

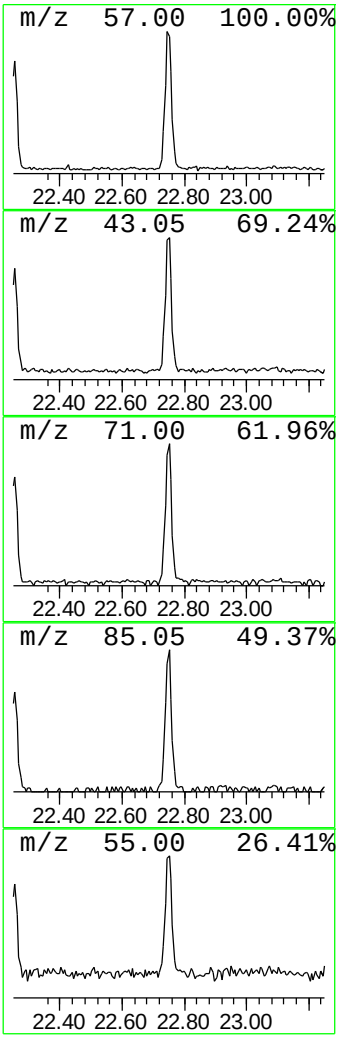
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.02 ng/ul	188615	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
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Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

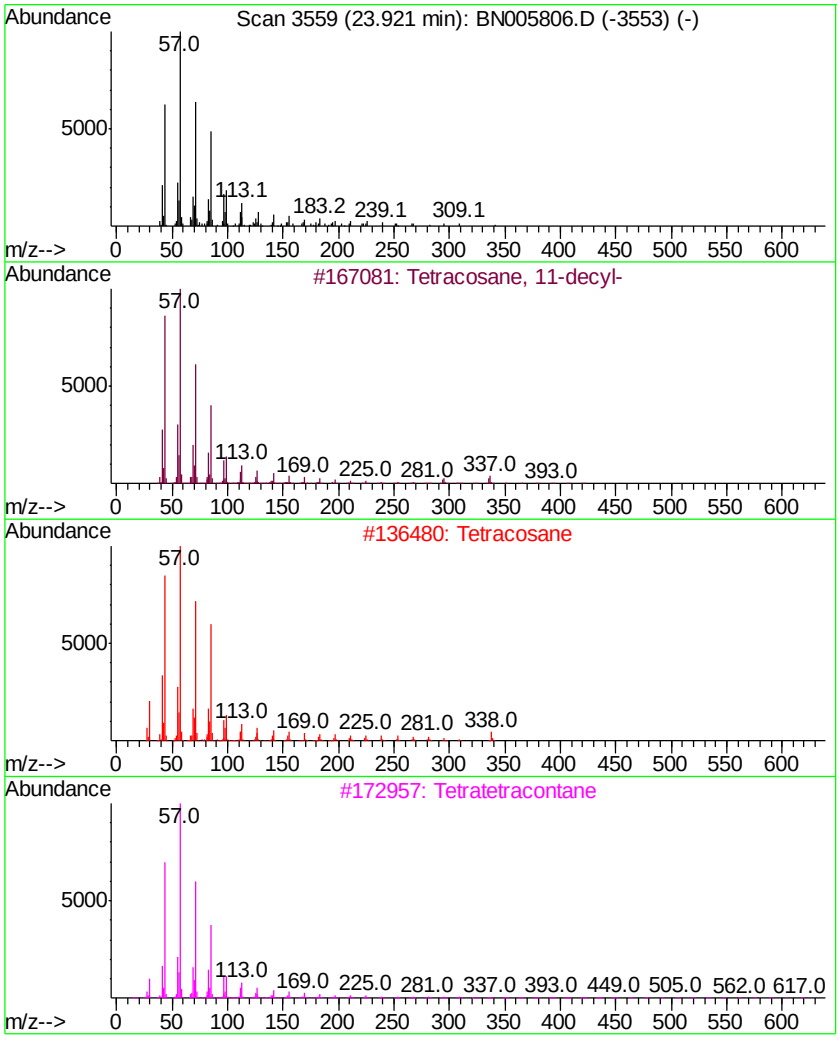
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

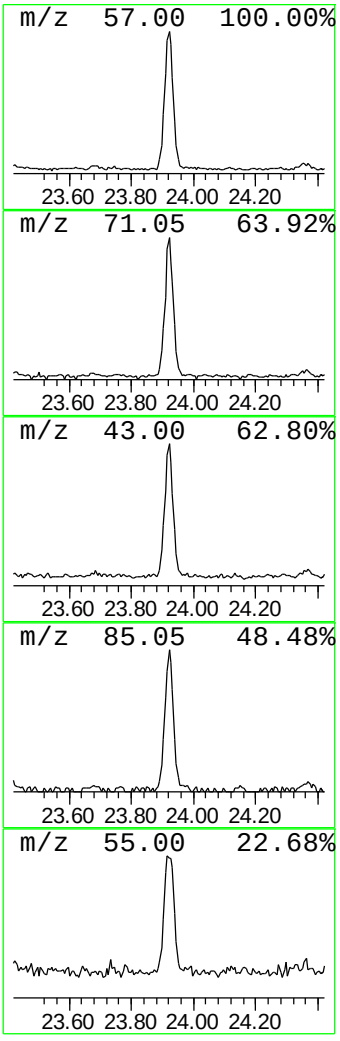
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.78 ng/ul	259454	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

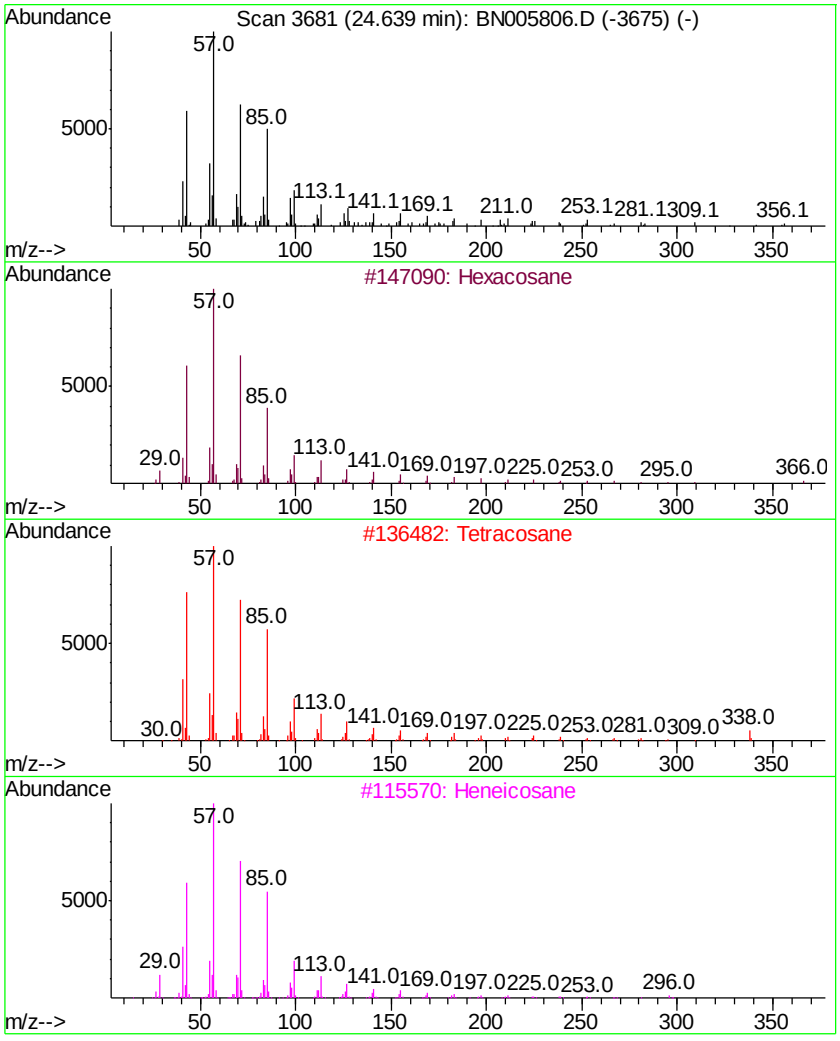
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

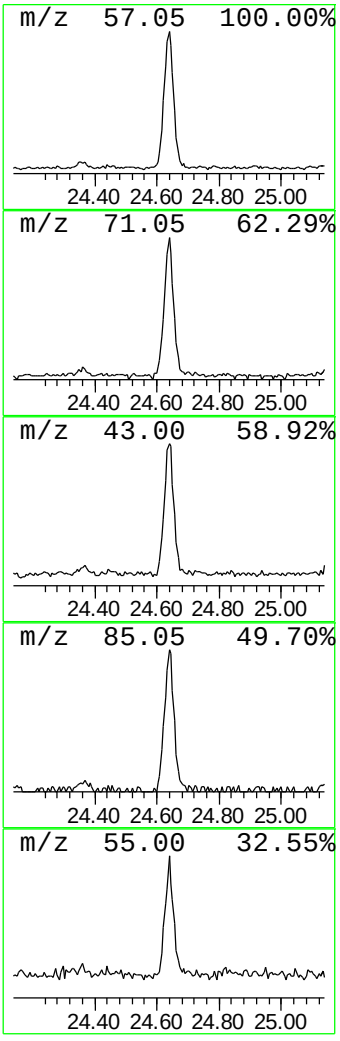
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	2.74 ng/ul	255966	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005806.D
Acq On : 20 May 2019 19:09
Operator : JU/SJ
Sample : K2742-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C26DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	10.94	23.4	ng/ul	1318190	2	10.33	1125280	20.0
Benzene, 1-chloro...	11.16	5.5	ng/ul	311547	2	10.33	1125280	20.0
unknown-01	18.34	5.9	ng/ul	621874	4	16.96	2094480	20.0
(DEL) Alkane: Str...	22.75	2.0	ng/ul	188615	6	23.42	1869270	20.0
(DEL) Alkane: Str...	23.92	2.8	ng/ul	259454	6	23.42	1869270	20.0
(DEL) Alkane: Str...	24.64	2.7	ng/ul	255966	6	23.42	1869270	20.0