LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080318\
Data File : BN002232.D
Acq On : 03 Aug 2018 21:04
Operator : JU/SJ
Sample : J4265-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN071318MA.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	3.252	41	45	50	rVB	72064	85759	1.68%	0.153%
2	3.964	161	166	178	rVB	404466	548626	10.73%	0.981%
3	4.546	262	265	279	rVB	71708	123393	2.41%	0.221%
4	5.393	404	409	416	rVB	46515	73352	1.43%	0.131%
5	5.728	461	466	472	rBV	41410	68985	1.35%	0.123%
6	6.869	654	660	674	rVB2	226886	463639	9.06%	0.829%
7	7.028	680	687	700	rBV	886218	1362497	26.64%	2.435%
8	7.222	712	720	732	rVB	898694	1442646	28.20%	2.578%
9	7.687	792	799	809	rBV	908037	1453028	28.41%	2.597%
10	8.393	912	919	933	rBV	643920	1122554	21.95%	2.006%
11	8.504	933	938	948	rVB	102682	183794	3.59%	0.328%
12	8.781	978	985	988	rBV	114154	186942	3.65%	0.334%
13	8.834	988	994	1003	rVB	1106444	1802492	35.24%	3.221%
14	9.551	1108	1116	1128	rBV	877413	1488863	29.11%	2.661%
15	10.087	1200	1207	1219	rBV	1191706	2044375	39.97%	3.654%
16	10.457	1263	1270	1276	rBV	1255542	2124578	41.53%	3.797%
17	10.510	1276	1279	1288	rVB	129028	197763	3.87%	0.353%
18	10.604	1288	1295	1305	rBV3	61001	145598	2.85%	0.260%
19	10.957	1349	1355	1363	rBV3	31693	68766	1.34%	0.123%
20	11.393	1420	1429	1436	rBV4	36263	106366	2.08%	0.190%
21	11.751	1479	1490	1494	rBV2	36895	58932	1.15%	0.105%
22	11.845	1500	1506	1516	rBV2	29075	54042	1.06%	0.097%
23	13.728	1820	1826	1835	rBV	2086857	3011300	58.87%	5.382%
24	14.010	1866	1874	1880	rBV	2550304	3733509	72.99%	6.673%
25	14.316	1920	1926	1936	rBV2	1635380	2571595	50.27%	4.596%
26	14.539	1958	1964	1986	rVB	115075	273992	5.36%	0.490%
27	15.316	2089	2096	2103	rBV	3101414	4356366	85.16%	7.786%
28	15.439	2111	2117	2133	rBV	970567	1352399	26.44%	2.417%
29	15.681	2152	2158	2162	rBV	66471	95167	1.86%	0.170%
30	16.281	2254	2260	2273	rBV	165766	284829	5.57%	0.509%
31	16.751	2335	2340	2348	rBV	38842	58683	1.15%	0.105%
32	17.063	2387	2393	2401	rBV2	1910438	2684300	52.48%	4.797%
33	17.163	2403	2410	2425	rVV2	3156327	4504418	88.06%	8.050%
34	17.739	2503	2508	2518	rVB	417627	527053	10.30%	0.942%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : C0AB5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN071318MA.M
Title : SVOA CALIBRATION

35	18.551	2638	2646	2651	rBV5	32576	67309	1.32%	0.120%
36	19.098	2733	2739	2744	rBV	38833	62381	1.22%	0.111%
37	19.463	2795	2801	2808	rBV	3691532	4812331	94.08%	8.601%
38	21.263	3101	3107	3118	rBV	2282729	2901343	56.72%	5.185%
39	22.321	3284	3287	3294	rVB2	72988	94807	1.85%	0.169%
40	22.821	3368	3372	3379	rBV	119215	173953	3.40%	0.311%
41	23.351	3454	3462	3476	rVB	2583441	5115246	100.00%	9.142%
42	23.486	3478	3485	3495	rVB2	1457938	2826338	55.25%	5.051%
43	24.021	3571	3576	3585	rVB2	176319	351760	6.88%	0.629%
44	24.762	3695	3702	3711	rVB	172553	377274	7.38%	0.674%
45	25.615	3841	3847	3857	rVB3	123052	300395	5.87%	0.537%
46	26.621	4014	4018	4028	rVB4	85803	208513	4.08%	0.373%

Sum of corrected areas: 55952251

LSC Report - Integrated Chromatogram

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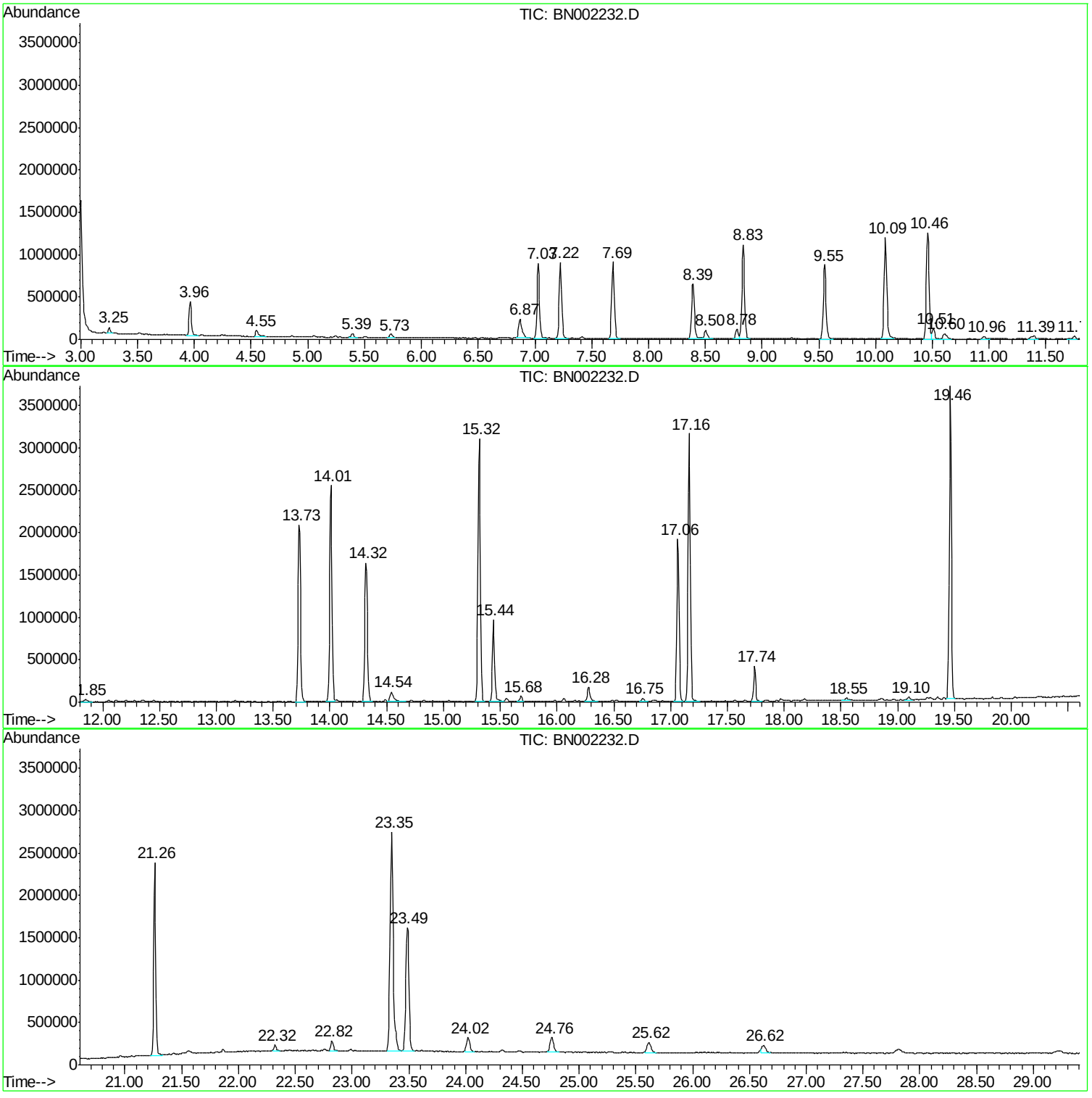
Operator : JU/SJ
Sample : J4265-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080318\
Data File : BN002232.D
Acq On : 03 Aug 2018 21:04
Operator : JU/SJ
Sample : J4265-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

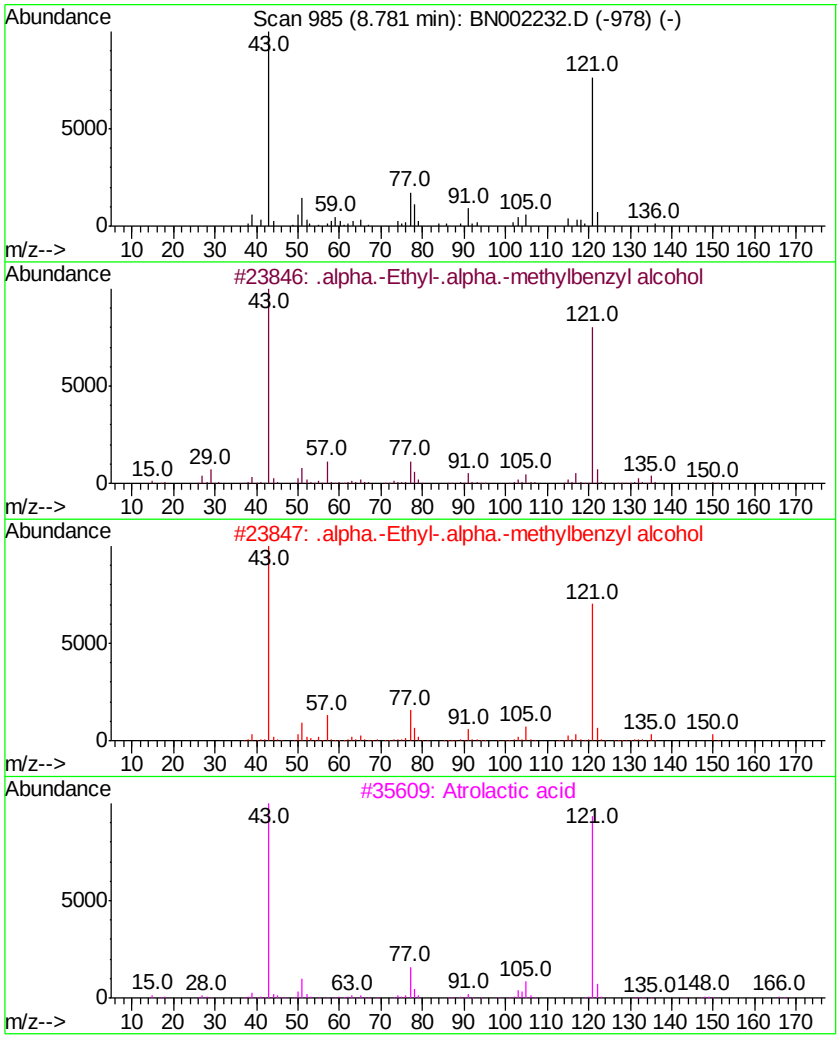
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

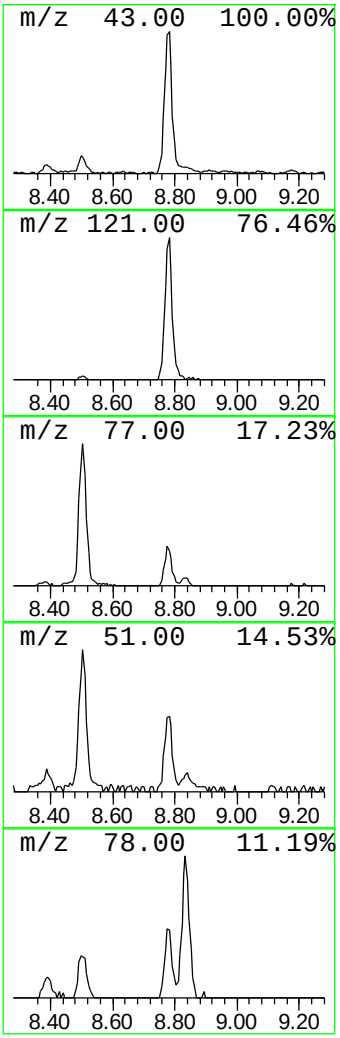
****

Peak Number 2 .alpha.-Ethyl-.alpha.-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	2.57 ng/ul	186942	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	78
2	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	78
3	Atrolactic acid	166	C9H10O3	000515-30-0	72
4	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	72
5	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	64





Library Search Compound Report

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Data File : BN002232.D
Acq On : 03 Aug 2018 21:04
Operator : JU/SJ
Sample : J4265-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

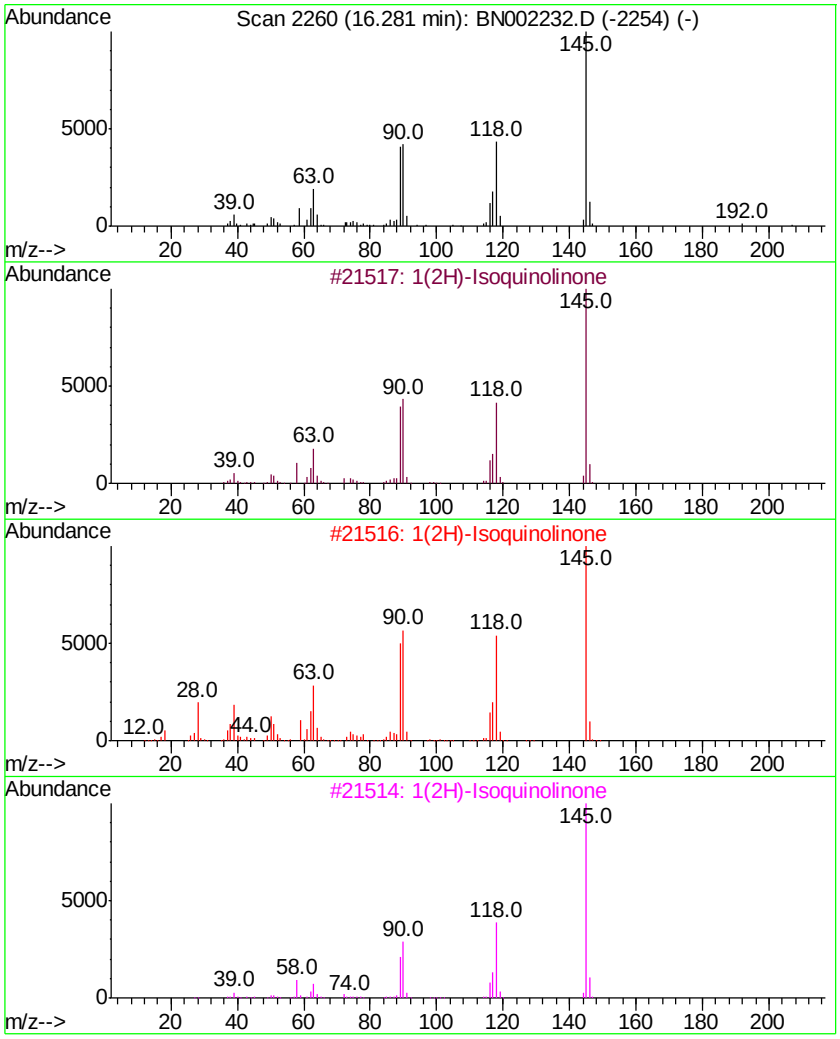
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

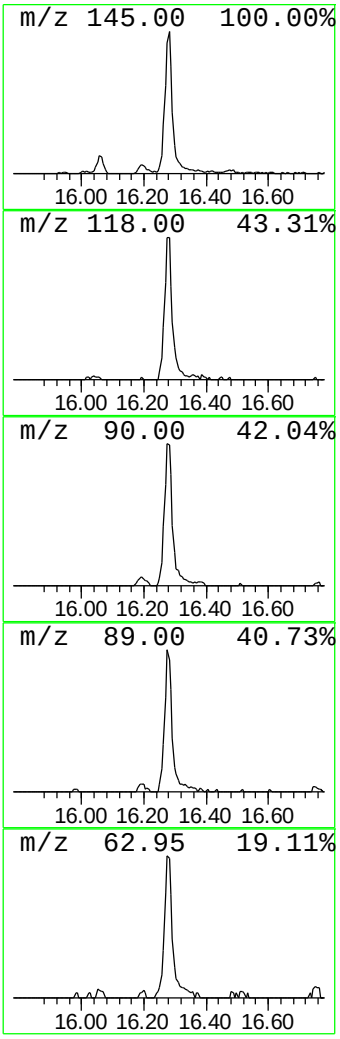
****

Peak Number 3 1(2H)-Isoquinolinone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.12 ng/ul	284829	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	98
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	96
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	91
4	5-Isoquinolinol	145	C9H7NO	002439-04-5	76
5	4-Isoquinolinol	145	C9H7NO	003336-49-0	76





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Sample : J4265-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

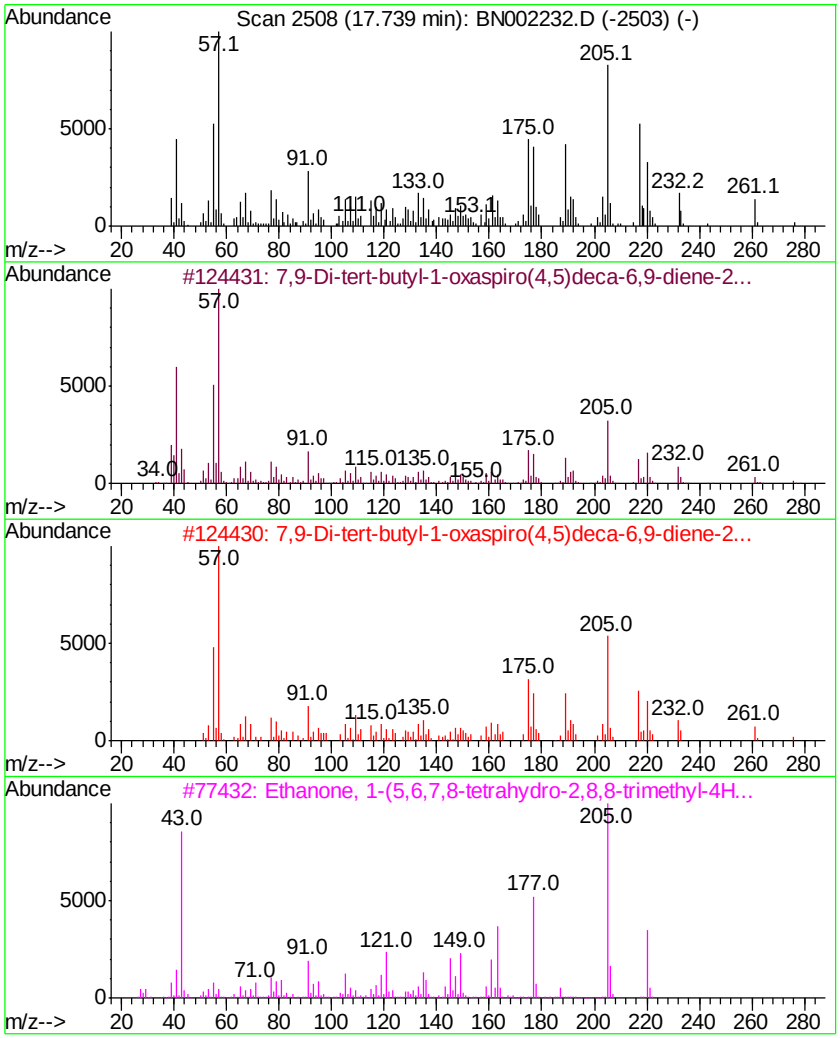
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

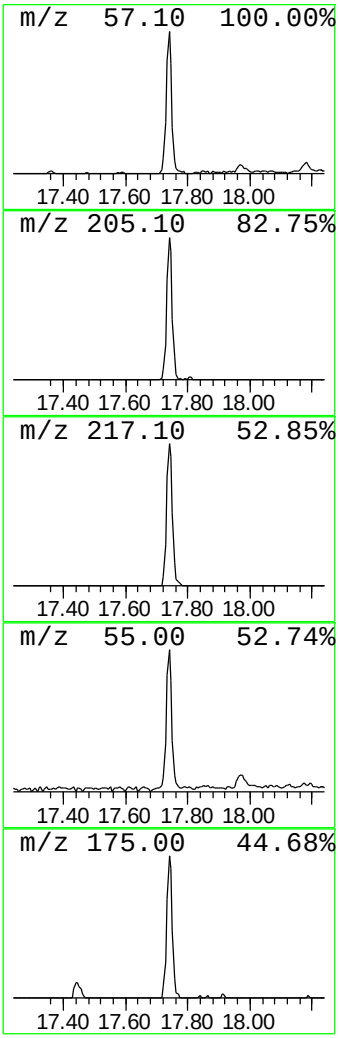
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	3.93 ng/ul	527053	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64
4	2H-2a,7-Methanoazuleno[5,6-b]oxi...	220	C15H24O	029597-36-2	53
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

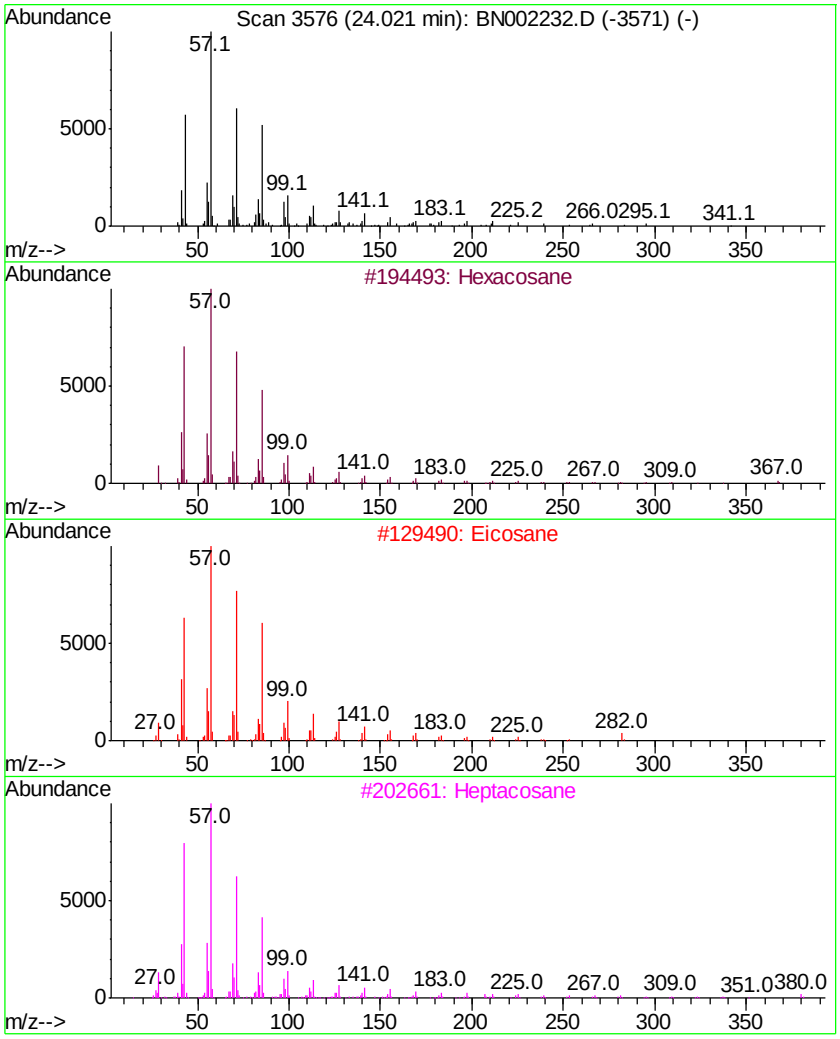
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

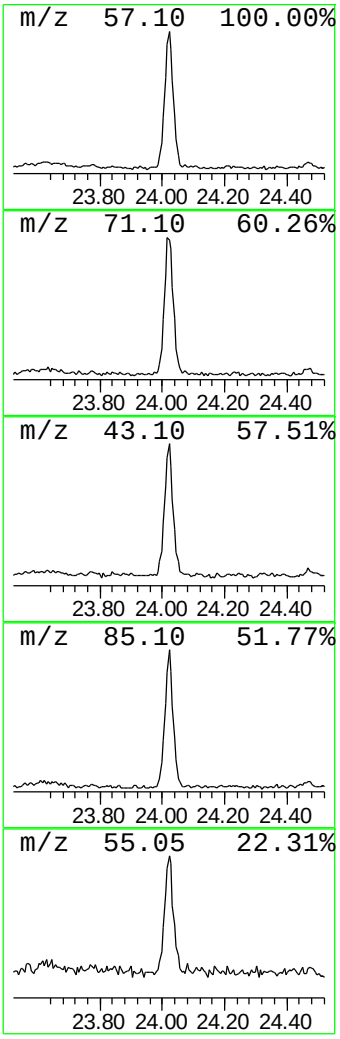
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.49 ng/ul	351760	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Docosane	310	C22H46	000629-97-0	90
5	Octacosane	394	C28H58	000630-02-4	90





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Instrument : BNA_N
ClientSampleId : C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

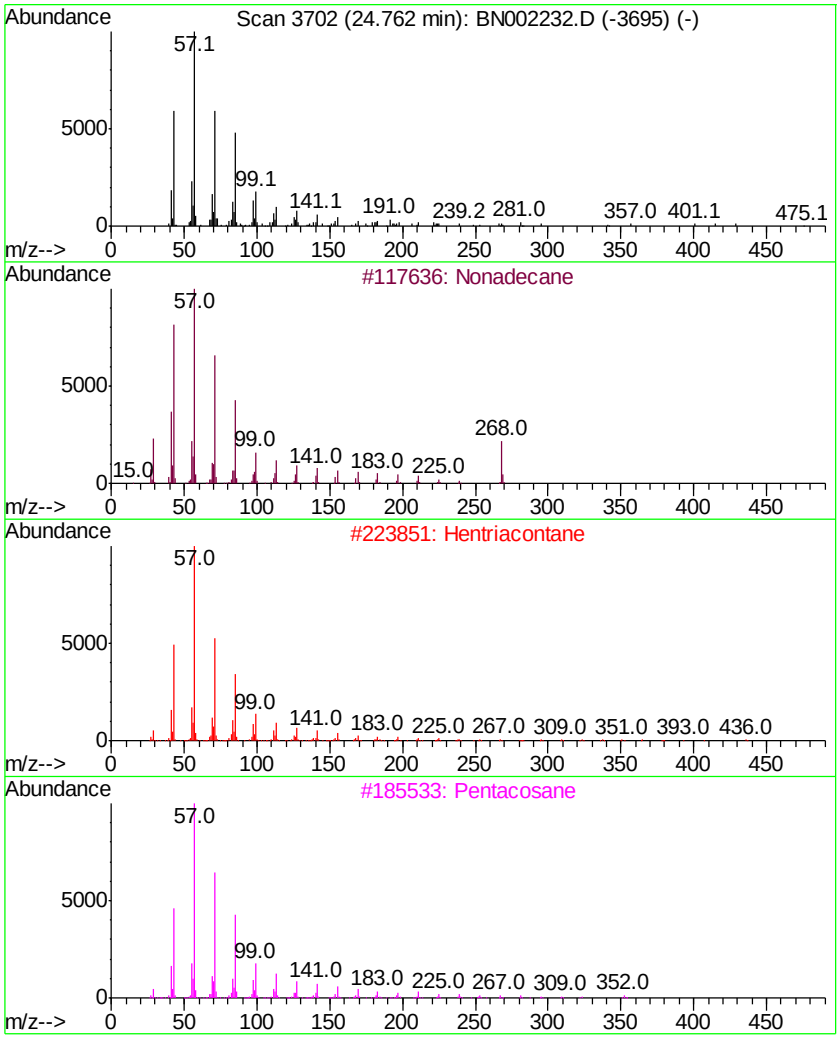
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

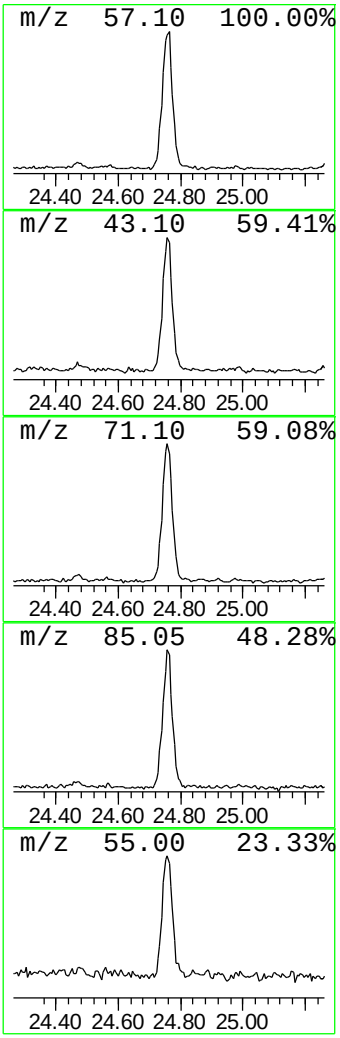
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.67 ng/ul	377274	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Docosane	310	C22H46	000629-97-0	87





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Quant Title : SVOA CALIBRATION

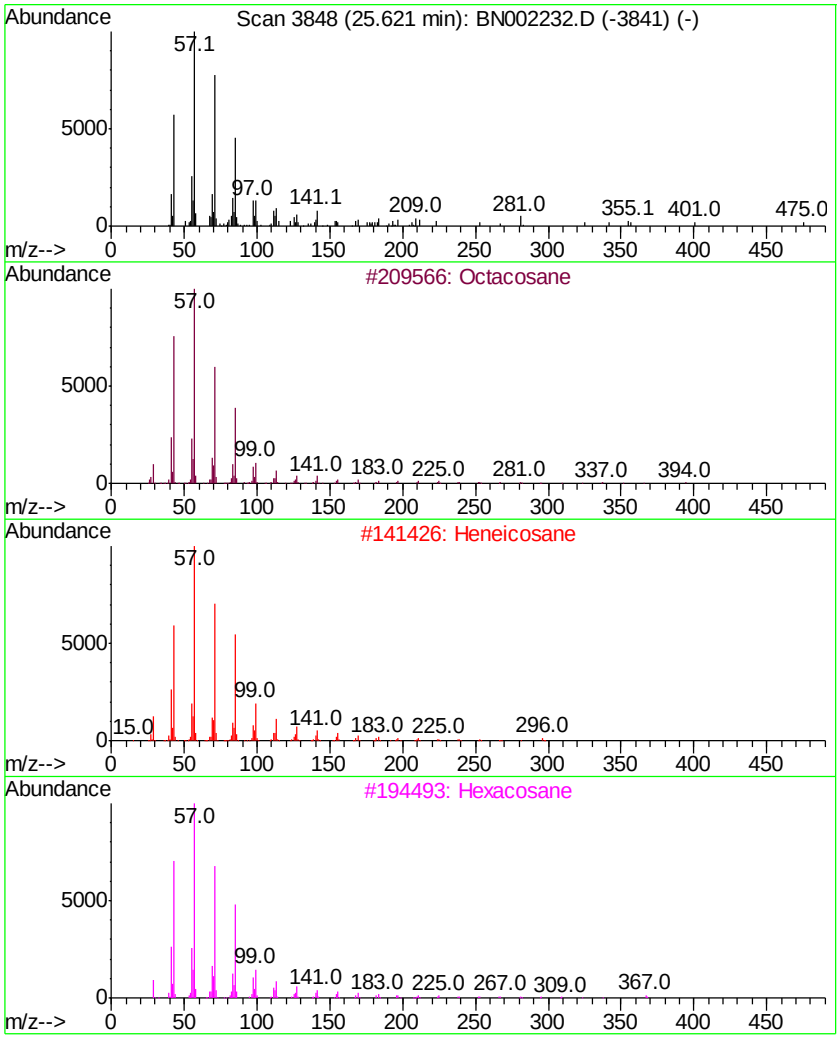
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

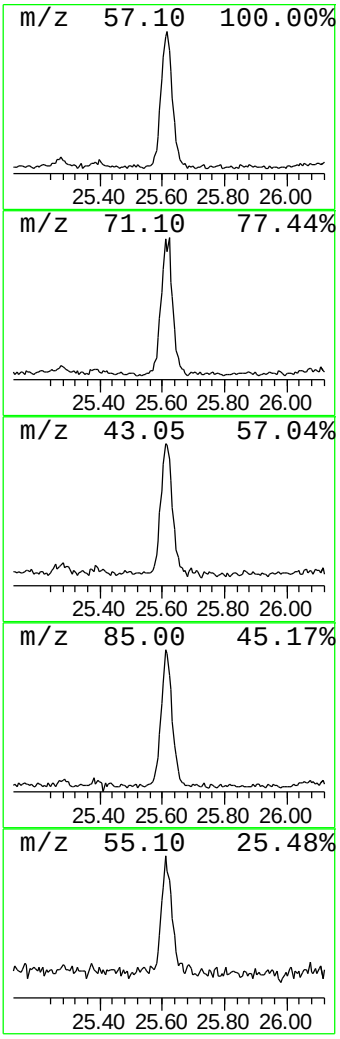
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.62	2.13 ng/ul	300395	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Ethyl-.al...	8.78	2.6	ng/ul	186942	1	7.69	1453030	20.0
1(2H)-Isoquinolinone	16.28	2.1	ng/ul	284829	4	17.06	2684300	20.0
7,9-Di-tert-butyl...	17.74	3.9	ng/ul	527053	4	17.06	2684300	20.0
(DEL) Alkane: Str...	24.02	2.5	ng/ul	351760	6	23.49	2826340	20.0
(DEL) Alkane: Str...	24.76	2.7	ng/ul	377274	6	23.49	2826340	20.0
(DEL) Alkane: Str...	25.62	2.1	ng/ul	300395	6	23.49	2826340	20.0