LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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	6.769	638	643	654	rVB	93460	209607	1.72%	0.304%
2	6.916	663	668	683	rVB	319997	553522	4.55%	0.803%
3	7.111	695	701	714	rVB	376129	677975	5.57%	0.983%
4	7.569	773	779	786	rBV	357393	613674	5.04%	0.890%
5	8.281	894	900	915	rVB	313437	601375	4.94%	0.872%
6	8.658	959	964	968	rBV	43056	70071	0.58%	0.102%
7	8.716	968	974	982	rVB	483702	843504	6.93%	1.223%
8	9.434	1090	1096	1108	rBV	419862	749300	6.16%	1.086%
9	9.975	1181	1188	1218	rBV	430096	1144397	9.40%	1.659%
10	10.281	1235	1240	1242	rBV3	23006	38297	0.31%	0.056%
11	10.328	1242	1248	1257	rVB	564281	961177	7.90%	1.394%
12	11.681	1471	1478	1490	rBV2	34559	78481	0.64%	0.114%
13	11.957	1520	1525	1535	rBV5	7068	16906	0.14%	0.025%
14	13.146	1721	1727	1730	rBV2	73384	119805	0.98%	0.174%
15	13.628	1802	1809	1819	rBV	1313314	1956171	16.07%	2.836%
16	13.898	1848	1855	1874	rBV	1572019	2318488	19.05%	3.361%
17	14.210	1900	1908	1919	rVB2	949396	1473030	12.10%	2.136%
18	14.298	1919	1923	1930	rVB2	15510	21891	0.18%	0.032%
19	14.487	1950	1955	1971	rBV3	46077	151479	1.24%	0.220%
20	14.898	2020	2025	2034	rBV	28016	42706	0.35%	0.062%
21	14.975	2034	2038	2043	rVB	10700	14964	0.12%	0.022%
22	15.210	2071	2078	2094	rBV	1928555	2882332	23.68%	4.179%
23	15.369	2100	2105	2117	rBV	461457	887722	7.29%	1.287%
24	15.457	2117	2120	2124	rVB	23392	34174	0.28%	0.050%
25	15.587	2138	2142	2148	rVB3	10305	16757	0.14%	0.024%
26	16.969	2370	2377	2387	rBV	1345403	1872445	15.38%	2.715%
27	17.069	2387	2394	2414	rVB	2281306	3418990	28.09%	4.957%
28	17.645	2486	2492	2497	rBV	450699	568080	4.67%	0.824%
29	17.969	2541	2547	2554	rVV5	12322	23104	0.19%	0.033%
30	18.122	2567	2573	2578	rVB3	14383	18408	0.15%	0.027%
31	18.457	2625	2630	2635	rBV3	18206	23187	0.19%	0.034%
32	18.939	2708	2712	2716	rBV4	12387	14671	0.12%	0.021%
33	19.016	2721	2725	2730	rBV	26025	34503	0.28%	0.050%
34	19.269	2763	2768	2772	rBV	19594	26278	0.22%	0.038%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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	19.381	2781	2787	2802	rBV	2999905	4497655	36.95%	6.521%
36	20.022	2892	2896	2899	rBV3	18608	17675	0.15%	0.026%
37	20.310	2931	2945	2953	rBV3	60327	227620	1.87%	0.330%
38	20.386	2956	2958	2964	rVB4	11408	16666	0.14%	0.024%
39	20.992	3059	3061	3066	rVB5	10782	12567	0.10%	0.018%
40	21.204	3091	3097	3113	rBV	1691869	3009760	24.73%	4.364%
41	21.363	3121	3124	3128	rVB5	24512	28135	0.23%	0.041%
42	21.792	3194	3197	3203	rVB2	55118	55772	0.46%	0.081%
43	22.245	3269	3274	3284	rBV	262534	406742	3.34%	0.590%
44	22.686	3347	3349	3353	rVV3	21509	21394	0.18%	0.031%
45	22.739	3353	3358	3368	rVB	164373	237605	1.95%	0.344%
46	22.910	3380	3387	3398	rBV	3806951	5620639	46.18%	8.149%
47	23.269	3439	3448	3458	rBV2	2850136	5473020	44.96%	7.935%
48	23.404	3463	3471	3485	rVB	1328361	2736799	22.48%	3.968%
49	23.910	3552	3557	3565	rVB	188753	349132	2.87%	0.506%
50	24.057	3573	3582	3598	rBV	5884407	12172172	100.00%	17.647%
51	24.627	3673	3679	3690	rVB	190896	412244	3.39%	0.598%
52	25.463	3815	3821	3825	rBV	114975	246187	2.02%	0.357%
53	25.545	3825	3835	3852	rVB2	2986109	8595244	70.61%	12.462%
54	26.445	3981	3988	4002	rVB3	117806	342132	2.81%	0.496%
55	27.557	4166	4177	4197	rVB	531927	2017405	16.57%	2.925%

Sum of corrected areas: 68974036

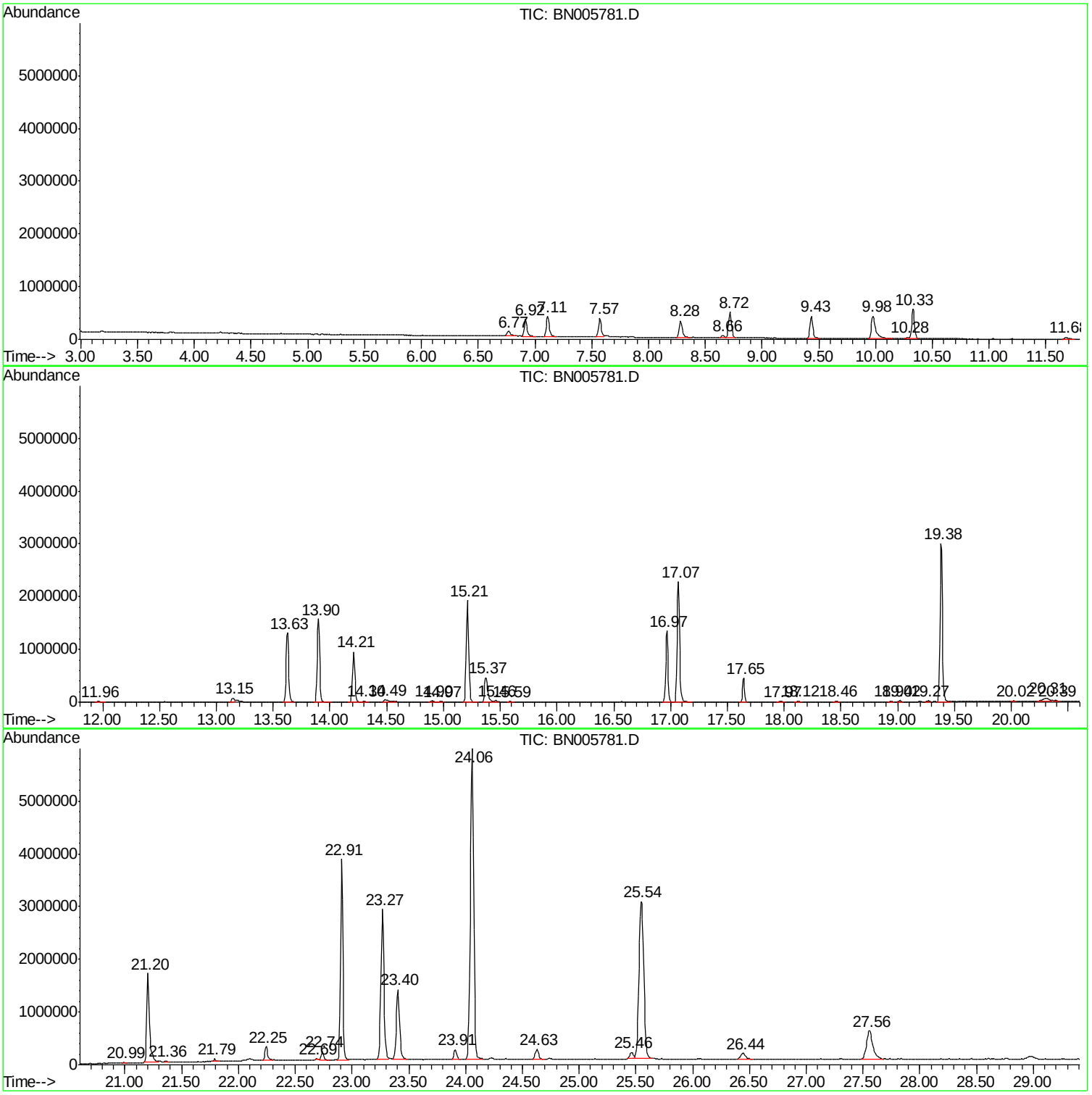
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

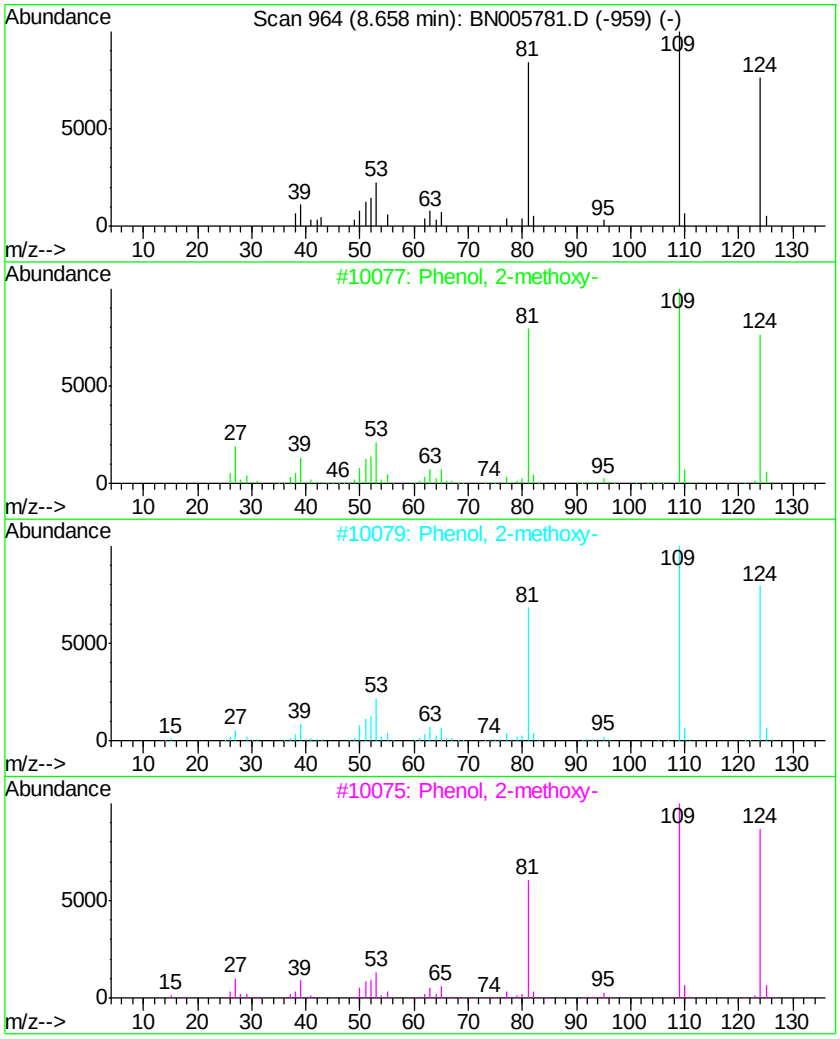
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

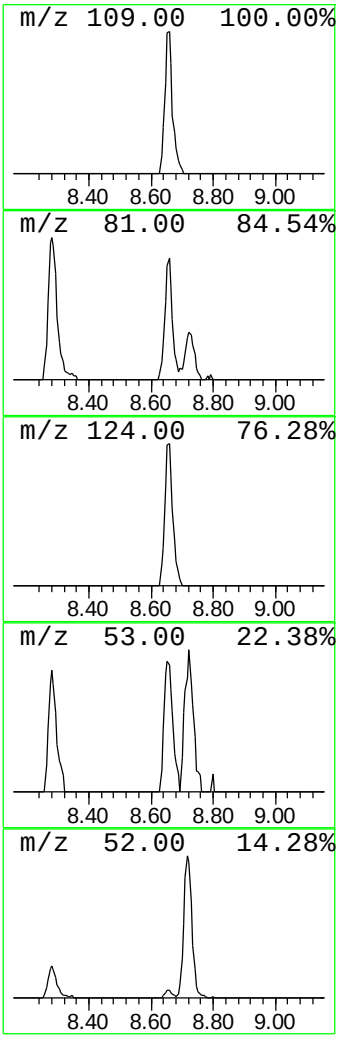
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	2.28 ng/ul	70071	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

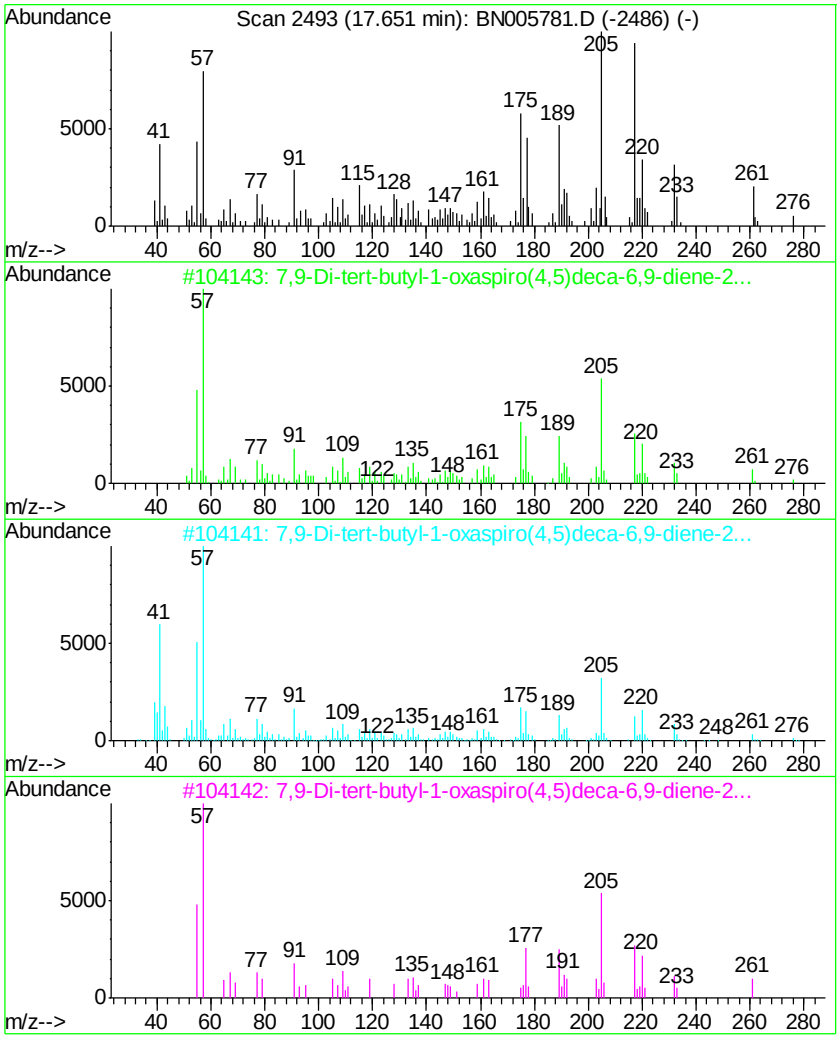
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

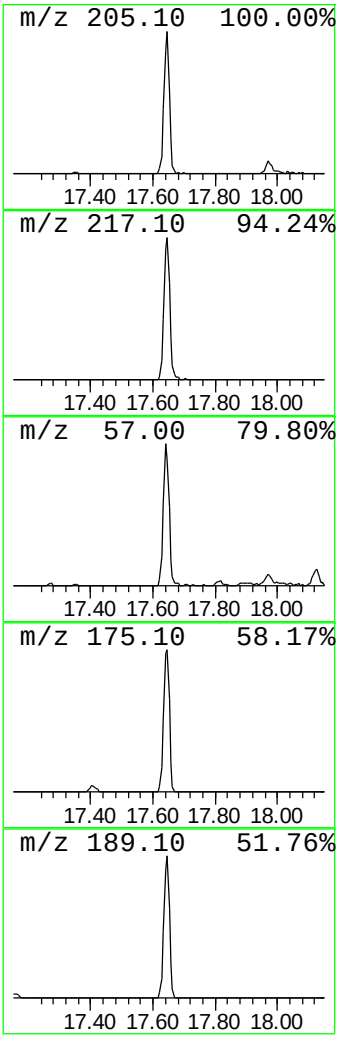
****

Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	6.07 ng/ul	568080	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
4	2,4-Dimethyl-5,6-dimethoxy-8-ami...	232	C13H16N2O2	064993-02-8	42
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

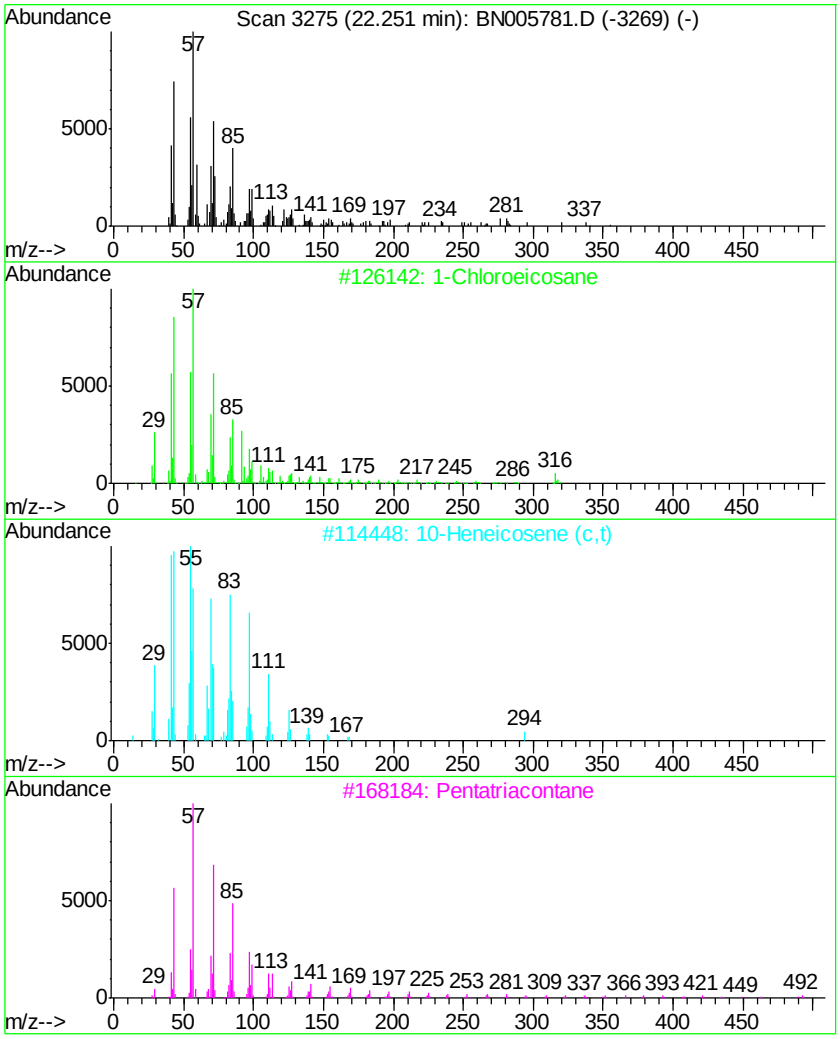
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

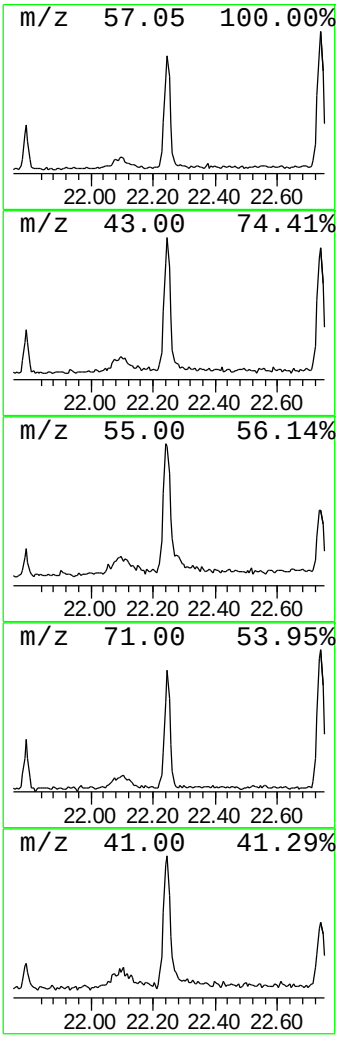
****

Peak Number 3 1-Chloroeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.70 ng/ul	406742	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloroeicosane	316	C20H41Cl	042217-02-7	58
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	56
3	Pentatriacontane	493	C35H72	000630-07-9	52
4	Eicosane	282	C20H42	000112-95-8	50
5	Tritetracontane	605	C43H88	007098-21-7	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

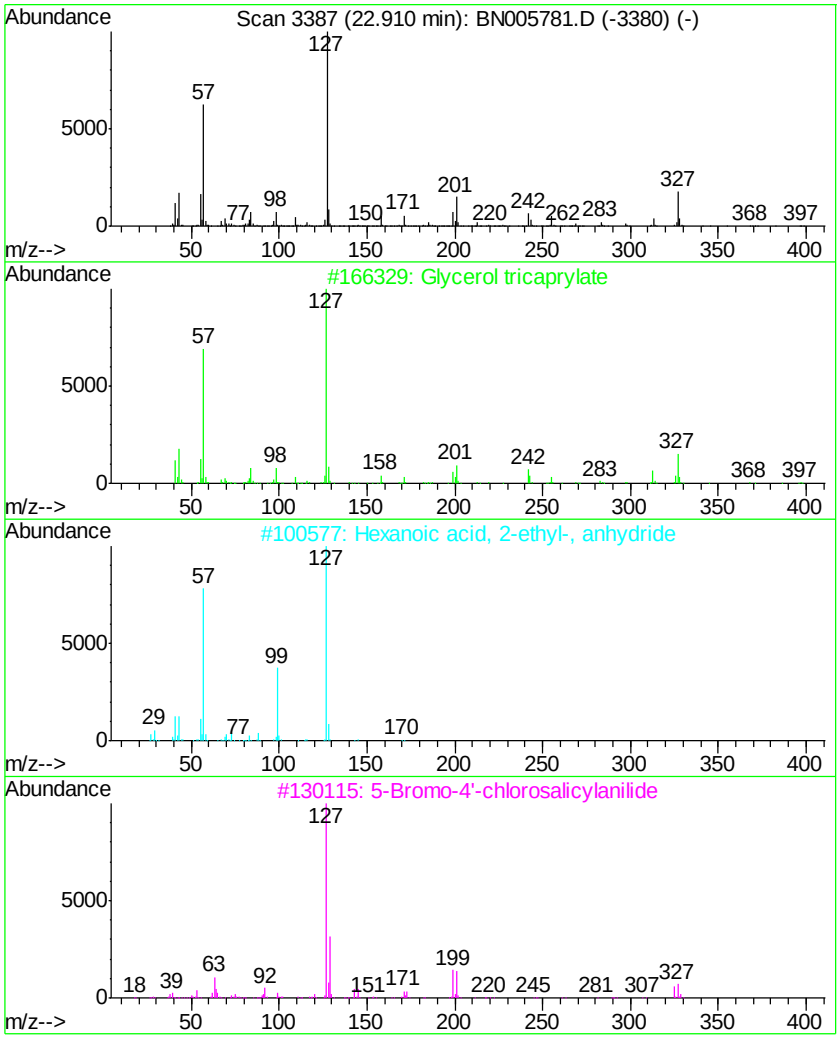
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

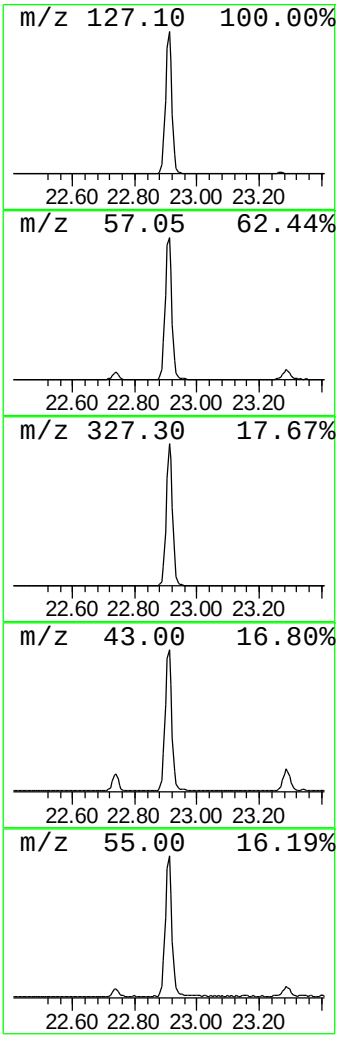
****

Peak Number 4 Glycerol tricaprylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	41.07 ng/ul	5620640	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycerol tricaprylate	470	C27H50O6	000538-23-8	87
2	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	47
3	5-Bromo-4'-chlorosalicylanilide	325	C13H9BrClNO2	003679-64-9	45
4	2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	38
5	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

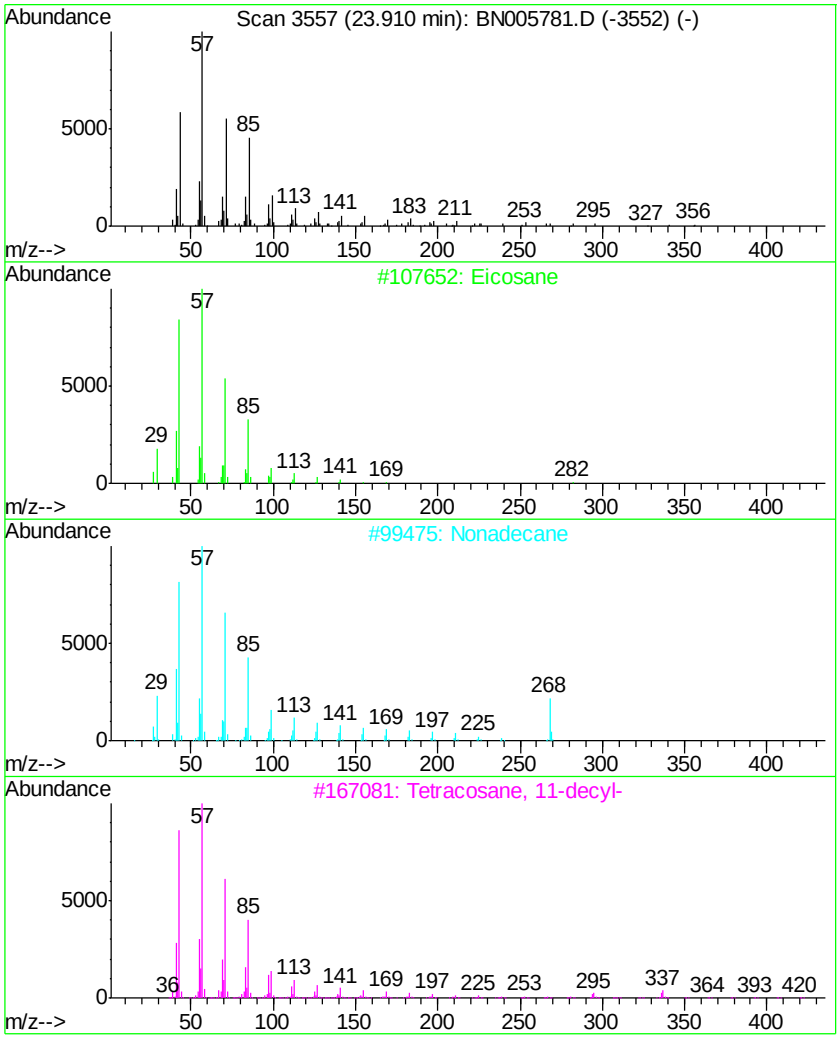
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

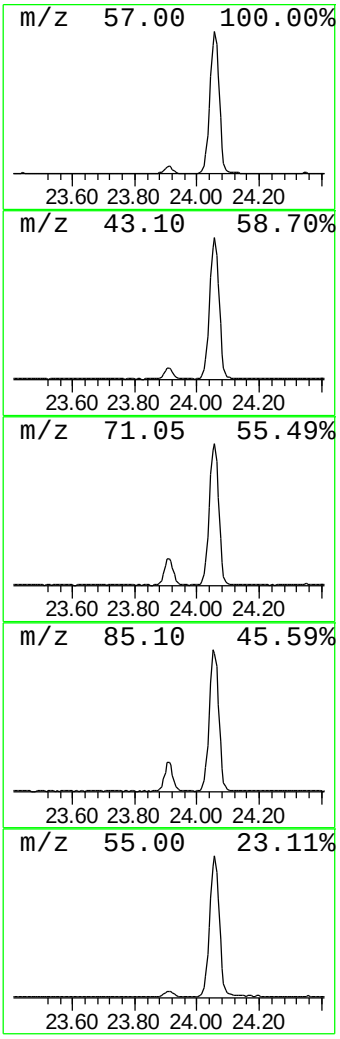
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.55 ng/ul	349132	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane	310	C22H46	000629-97-0	90





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Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

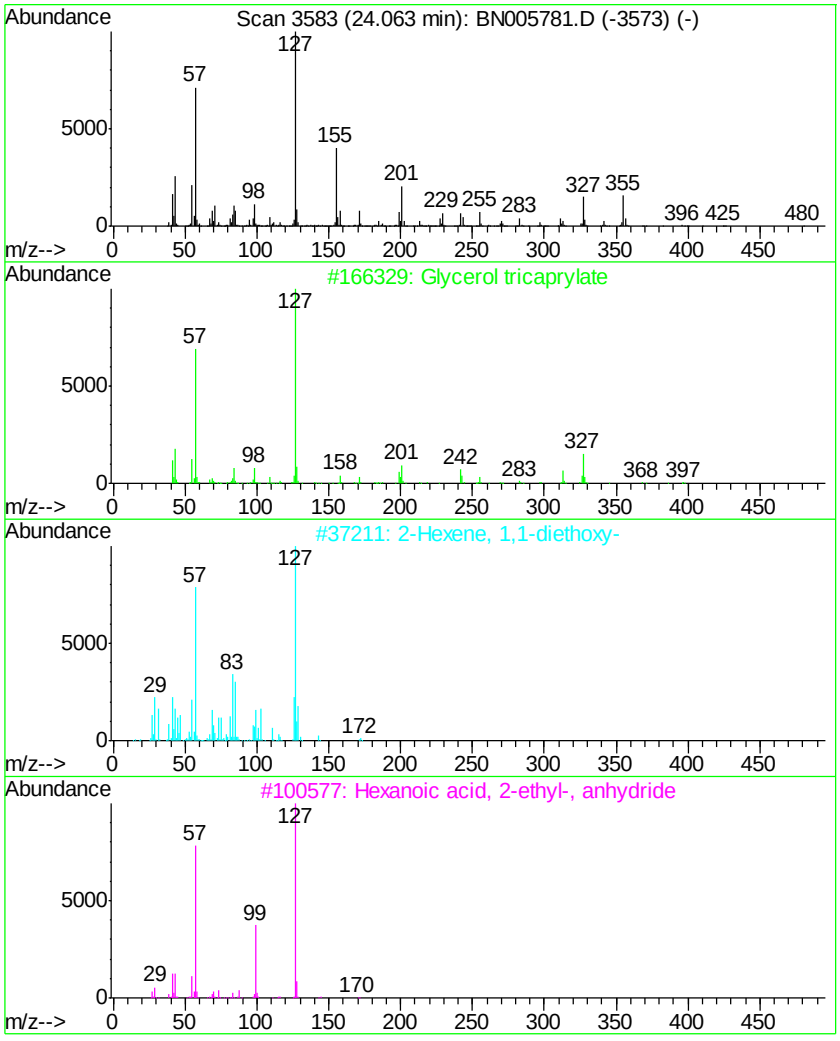
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

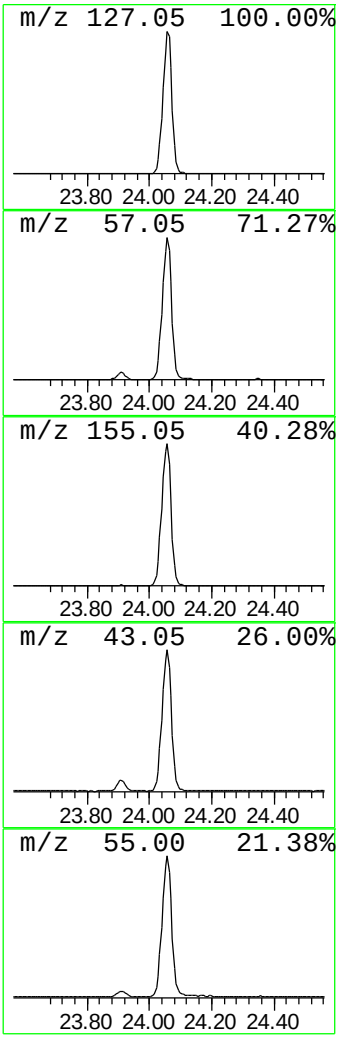
****

Peak Number 6 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	88.95 ng/ul	12172200	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycerol tricaprylate	470	C27H50O6	000538-23-8	50
2	2-Hexene, 1,1-diethoxy-	172	C10H20O2	054306-00-2	38
3	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	35
4	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	28
5	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	27





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Data File : BN005781.D
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Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

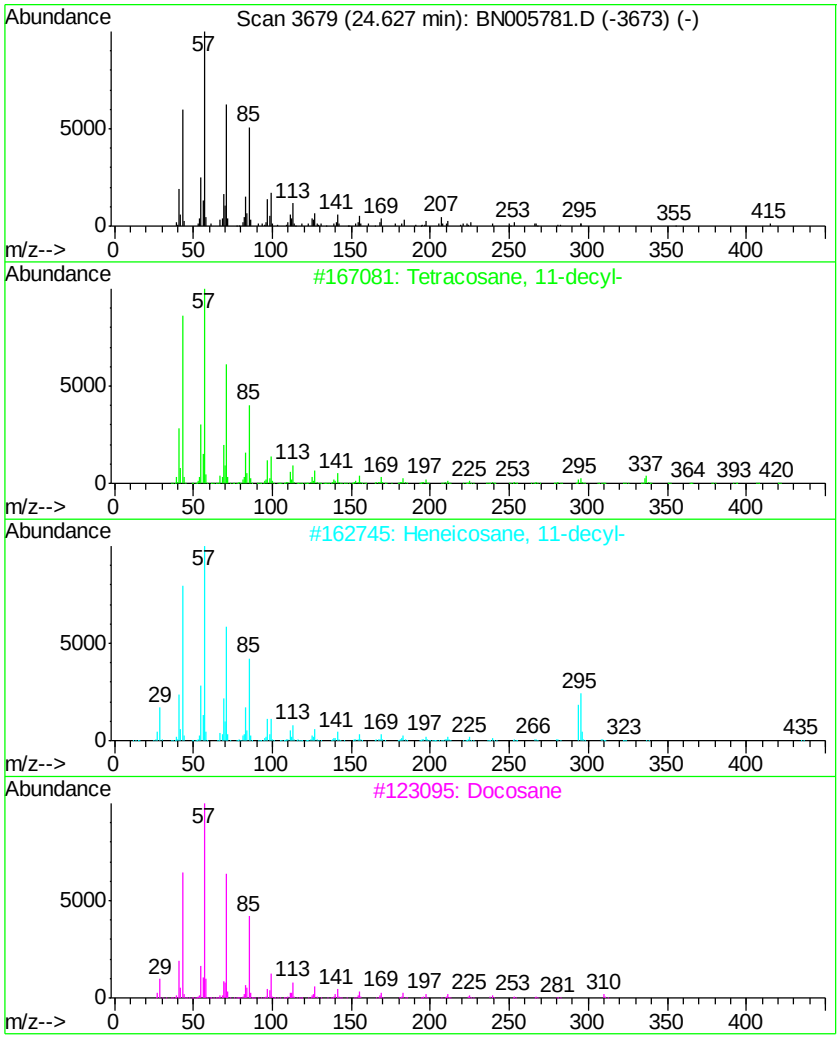
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

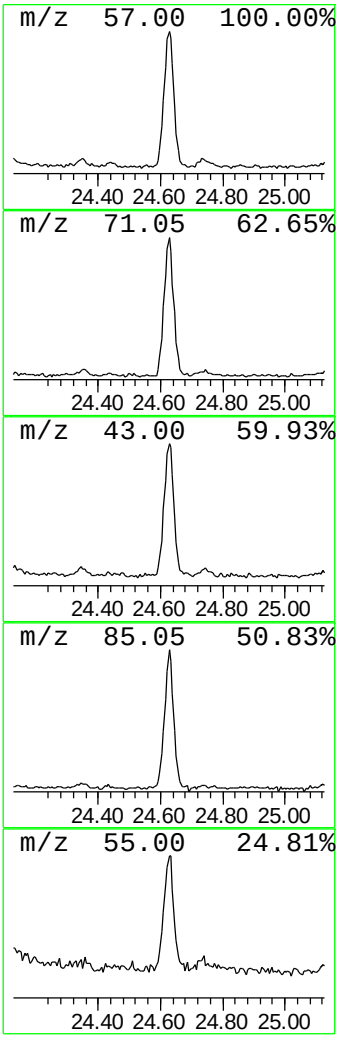
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	3.01 ng/ul	412244	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3	Docosane	310	C22H46	000629-97-0	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

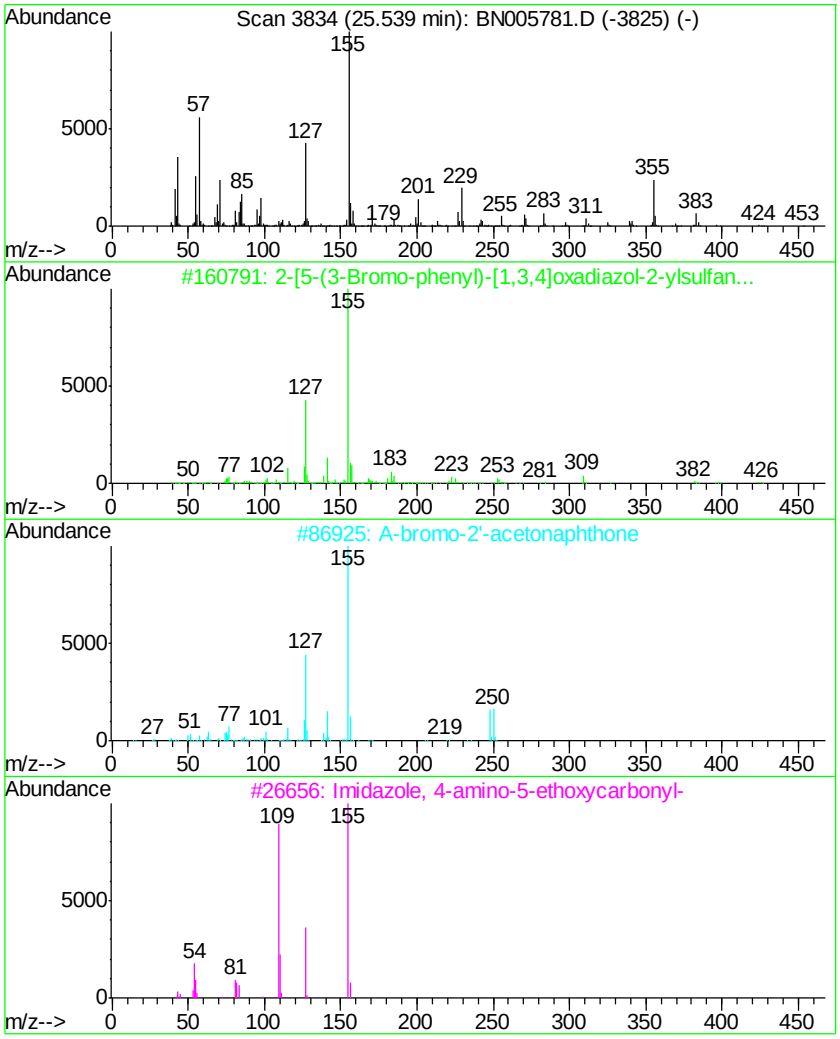
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

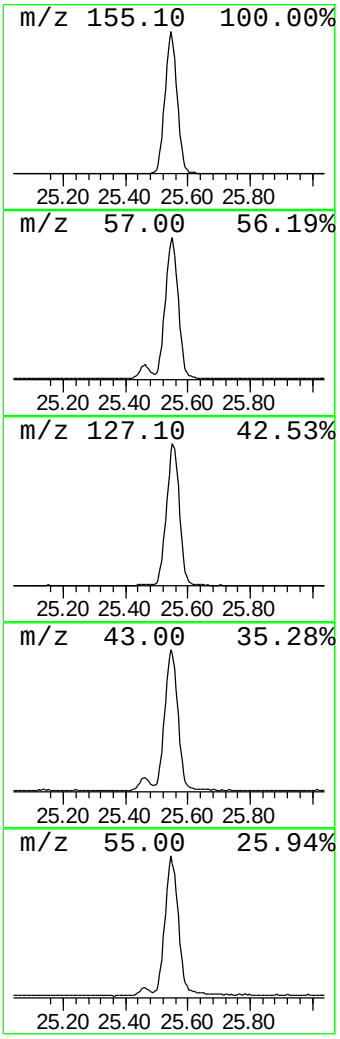
****

Peak Number 8 2-[5-(3-Bromo-phenyl)-[1,3,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	62.81 ng/ul	8595240	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[5-(3-Bromo-phenyl)-[1,3,4]oxa...	424	C20H13BrN2O2S	1000275-09-0	52
2	A-bromo-2'-acetonaphthone	248	C12H9BrO	000613-54-7	47
3	Imidazole, 4-amino-5-ethoxycarbo...	155	C6H9N3O2	021190-16-9	47
4	2,5-Bis(1-naphthamido)terephthal...	504	C30H20N2O6	339157-52-7	47
5	5-Oxazolidinone, 2-(1-methylethy...	283	C17H17NO3	119215-58-6	47





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Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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Quant Title : SVOA CALIBRATION

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

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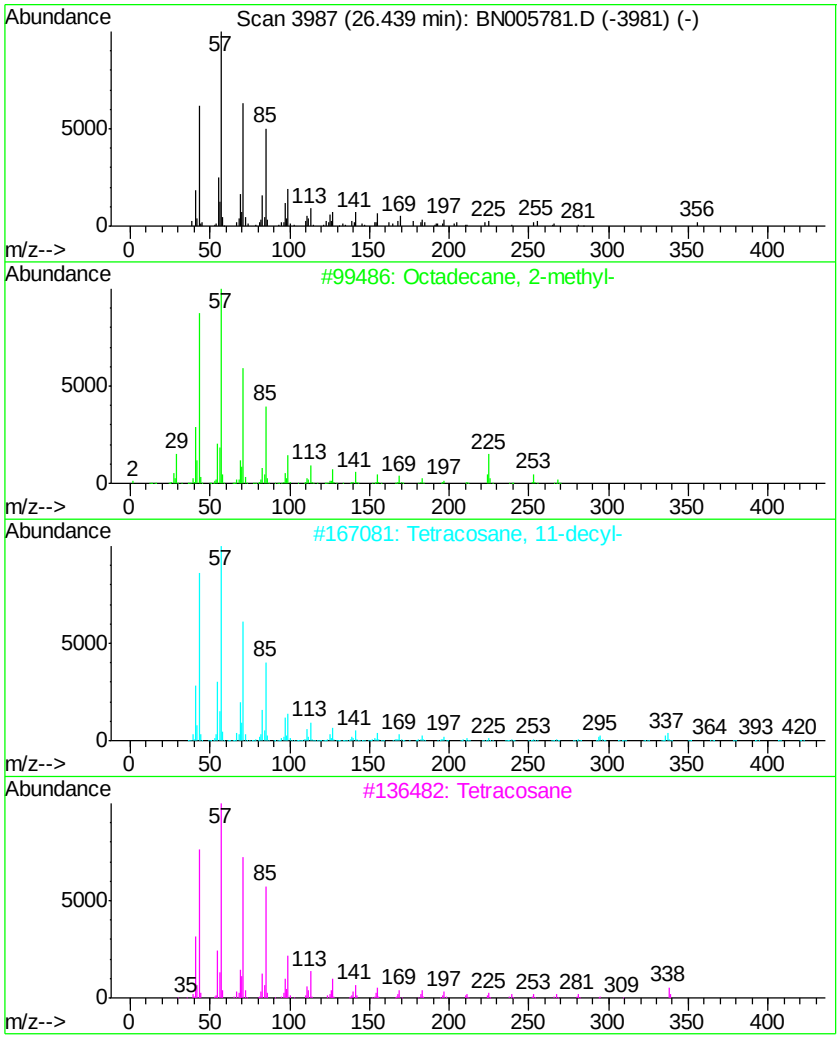
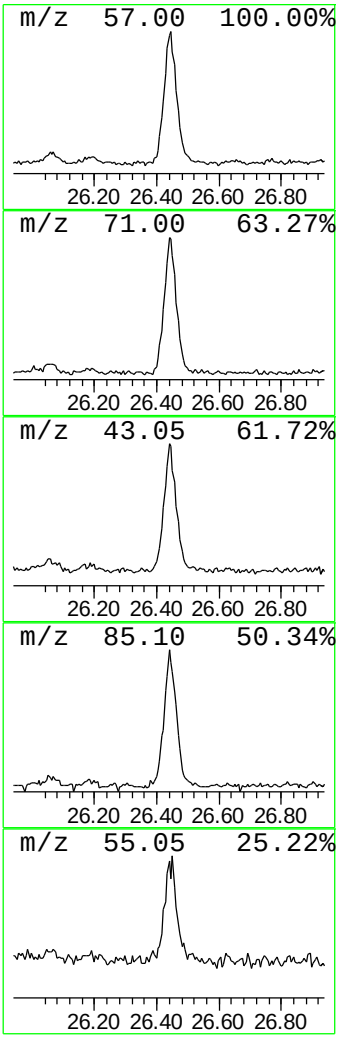
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.44	2.50 ng/ul	342132	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Pentacosane	352	C25H52	000629-99-2	90





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Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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

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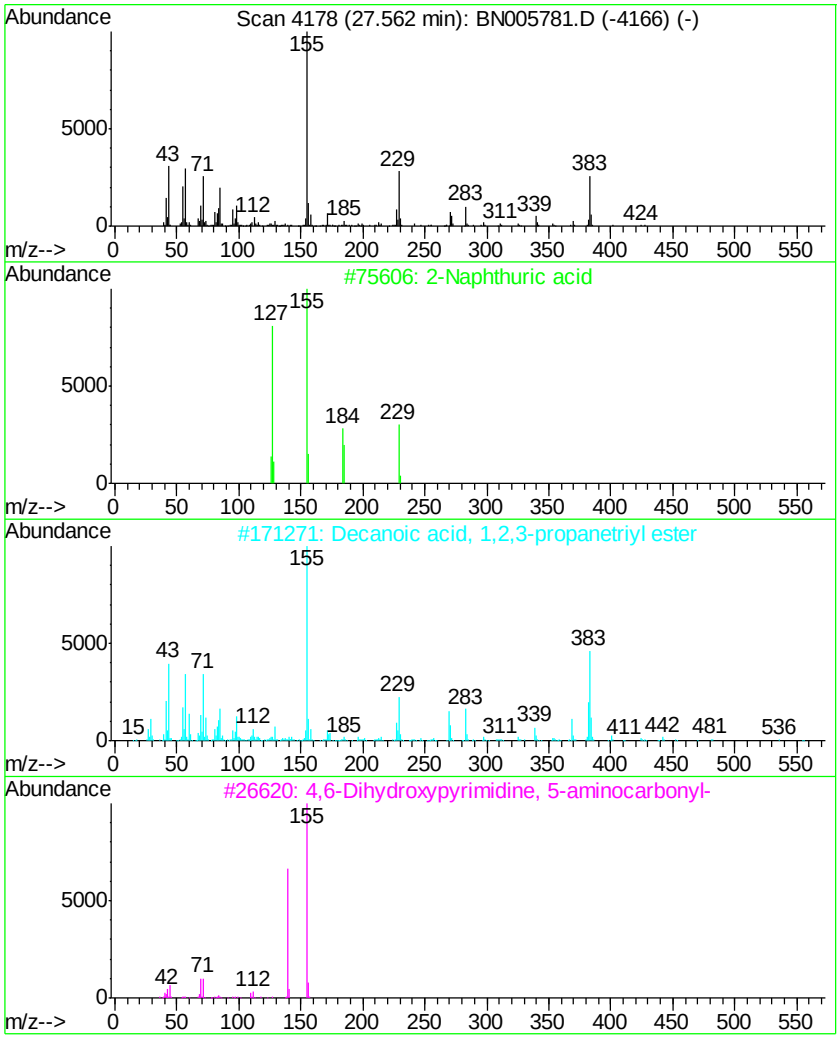
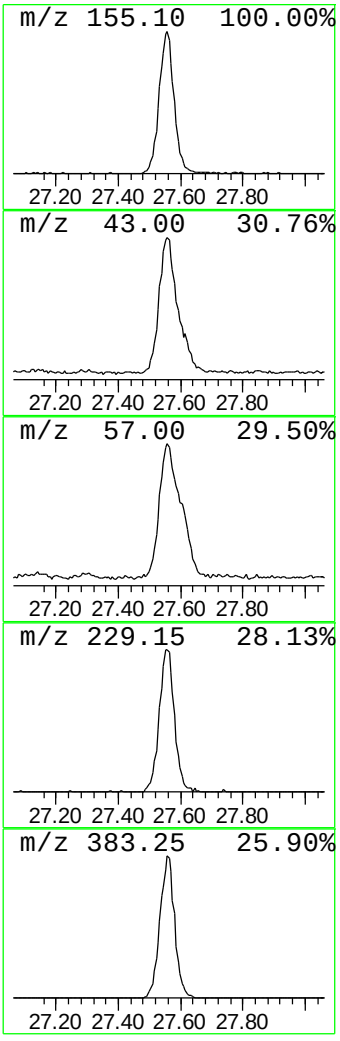
Peak Number 10 2-Naphthuric acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.56	14.74 ng/ul	2017410	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthuric acid	229	C13H11NO3	069826-63-7	53
2	Decanoic acid, 1,2,3-propanetriy...	554	C33H62O6	000621-71-6	50
3	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	43
4	5-Oxazolidinone, 2-(1-methylethy...	283	C17H17NO3	119215-58-6	43
5	2,4,6-TRIBROMOPHENYL DECANOATE	482	C16H21Br3O2	1000233-09-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005781.D
Acq On : 19 May 2019 08:01
Operator : JU/SJ
Sample : K2741-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHJ0

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
Phenol, 2-methoxy-	8.66	2.3	ng/ul	70071	1	7.57	613674	20.0
7,9-Di-tert-butyl...	17.65	6.1	ng/ul	568080	4	16.97	1872450	20.0
1-Chloroeicosane	22.25	2.7	ng/ul	406742	5	21.20	3009760	20.0
Glycerol tricapry...	22.91	41.1	ng/ul	5620640	6	23.40	2736800	20.0
(DEL) Alkane: Str...	23.91	2.5	ng/ul	349132	6	23.40	2736800	20.0
unknown-01	24.06	89.0	ng/ul	12172200	6	23.40	2736800	20.0
(DEL) Alkane: Str...	24.63	3.0	ng/ul	412244	6	23.40	2736800	20.0
2-[5-(3-Bromo-phe...	25.54	62.8	ng/ul	8595240	6	23.40	2736800	20.0
(DEL) Alkane: Str...	26.44	2.5	ng/ul	342132	6	23.40	2736800	20.0
2-Naphthuric acid	27.56	14.7	ng/ul	2017410	6	23.40	2736800	20.0