LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
Data File : BM026036.D
Acq On : 20 May 2020 13:22
Operator : MA/SJ
Sample : L2681-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CB0DL

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\SOM-EPA-BM051320MA.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	6.693	642	647	659	rVB2	88442	149339	0.21%	0.141%
2	6.851	667	674	680	rBV	323023	508291	0.73%	0.479%
3	7.040	698	706	715	rBV	347418	533942	0.77%	0.503%
4	7.498	778	784	794	rBV	751068	1158106	1.67%	1.092%
5	8.210	898	905	913	rBV	260339	397708	0.57%	0.375%
6	8.640	972	978	989	rBV	406347	674775	0.97%	0.636%
7	9.357	1093	1100	1111	rBV	331555	516474	0.74%	0.487%
8	9.892	1184	1191	1200	rBV	475266	748779	1.08%	0.706%
9	10.263	1247	1254	1261	rBV	1033082	1662276	2.39%	1.567%
10	10.416	1271	1280	1291	rVB5	24855	88999	0.13%	0.084%
11	10.881	1355	1359	1369	rVB3	43953	80595	0.12%	0.076%
12	11.381	1438	1444	1450	rVB3	69081	129574	0.19%	0.122%
13	11.657	1485	1491	1502	rVB2	49959	102261	0.15%	0.096%
14	12.269	1590	1595	1602	rVB4	39645	73249	0.11%	0.069%
15	12.463	1623	1628	1637	rVB6	36132	71199	0.10%	0.067%
16	12.628	1651	1656	1661	rBV4	53132	91824	0.13%	0.087%
17	12.857	1689	1695	1699	rBV	83862	133579	0.19%	0.126%
18	13.563	1810	1815	1820	rBV	886420	1213760	1.75%	1.144%
19	13.610	1820	1823	1834	rVB	135302	218855	0.32%	0.206%
20	13.827	1854	1860	1872	rVB	980278	1465485	2.11%	1.382%
21	14.145	1908	1914	1920	rBV	1436144	2067107	2.98%	1.949%
22	14.363	1947	1951	1961	rVB	66760	121485	0.17%	0.115%
23	14.480	1967	1971	1980	rVB5	37710	77763	0.11%	0.073%
24	14.698	2002	2008	2012	rBV	445639	609178	0.88%	0.574%
25	14.739	2012	2015	2017	rVV	64919	96484	0.14%	0.091%
26	14.780	2017	2022	2032	rVB	2231744	3053115	4.39%	2.879%
27	15.080	2065	2073	2077	rBV2	69691	144019	0.21%	0.136%
28	15.145	2078	2084	2090	rVB	1290609	1840427	2.65%	1.735%
29	15.292	2100	2109	2119	rBV2	598437	1413445	2.03%	1.333%
30	15.963	2219	2223	2227	rVV3	56225	87816	0.13%	0.083%
31	16.580	2316	2328	2332	rBV	35441258	69469872	100.00%	65.501%
32	16.674	2340	2344	2350	rVB4	103119	177917	0.26%	0.168%
33	16.898	2376	2382	2387	rVB	1789593	2404205	3.46%	2.267%
34	16.992	2393	2398	2405	rBV2	1429635	1973174	2.84%	1.860%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2681-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CB0DL

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\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

35	17.092	2411	2415	2420	rBV	73077	108896	0.16%	0.103%
36	17.821	2535	2539	2546	rBV5	68696	126738	0.18%	0.119%
37	19.292	2783	2789	2797	rBV	1655293	2231021	3.21%	2.104%
38	20.833	3048	3051	3058	rBV	231218	301639	0.43%	0.284%
39	21.092	3090	3095	3100	rBV	2324312	2771918	3.99%	2.614%
40	21.703	3196	3199	3204	rVB	105986	119382	0.17%	0.113%
41	22.139	3270	3273	3278	rVB	185770	220897	0.32%	0.208%
42	22.621	3351	3355	3360	rVB	248377	327577	0.47%	0.309%
43	23.080	3427	3433	3440	rVV	1357232	2169706	3.12%	2.046%
44	23.150	3441	3445	3449	rVV	320805	477040	0.69%	0.450%
45	23.215	3450	3456	3465	rVB	1629179	2817551	4.06%	2.657%
46	23.750	3543	3547	3553	rVB	261770	424074	0.61%	0.400%
47	24.444	3661	3665	3673	rVB	216746	407661	0.59%	0.384%

Sum of corrected areas: 106059177

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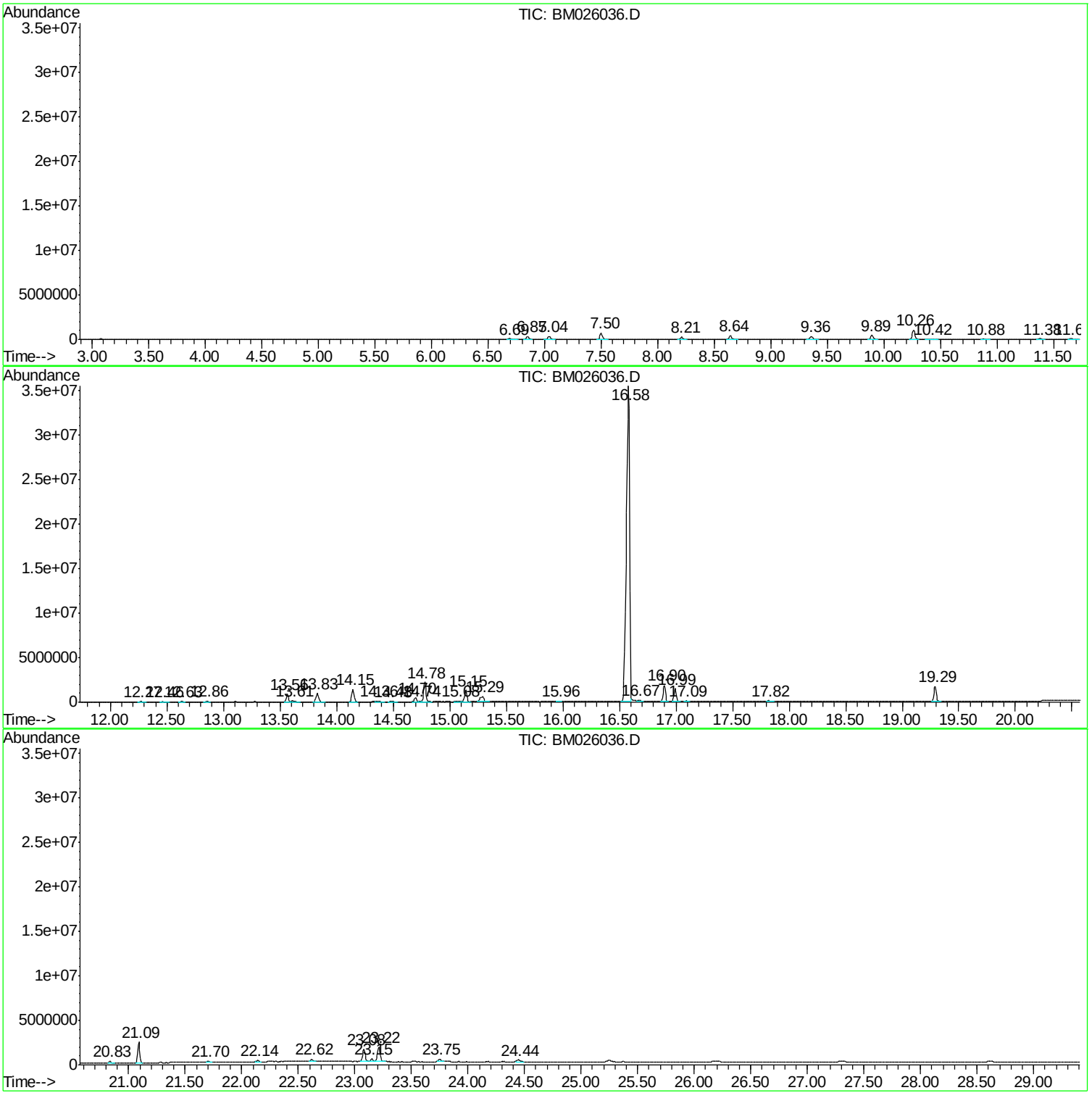
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CB0DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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 M\DATA\BM052020\
Data File : BM026036.D
Acq On : 20 May 2020 13:22
Operator : MA/SJ
Sample : L2681-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CB0DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

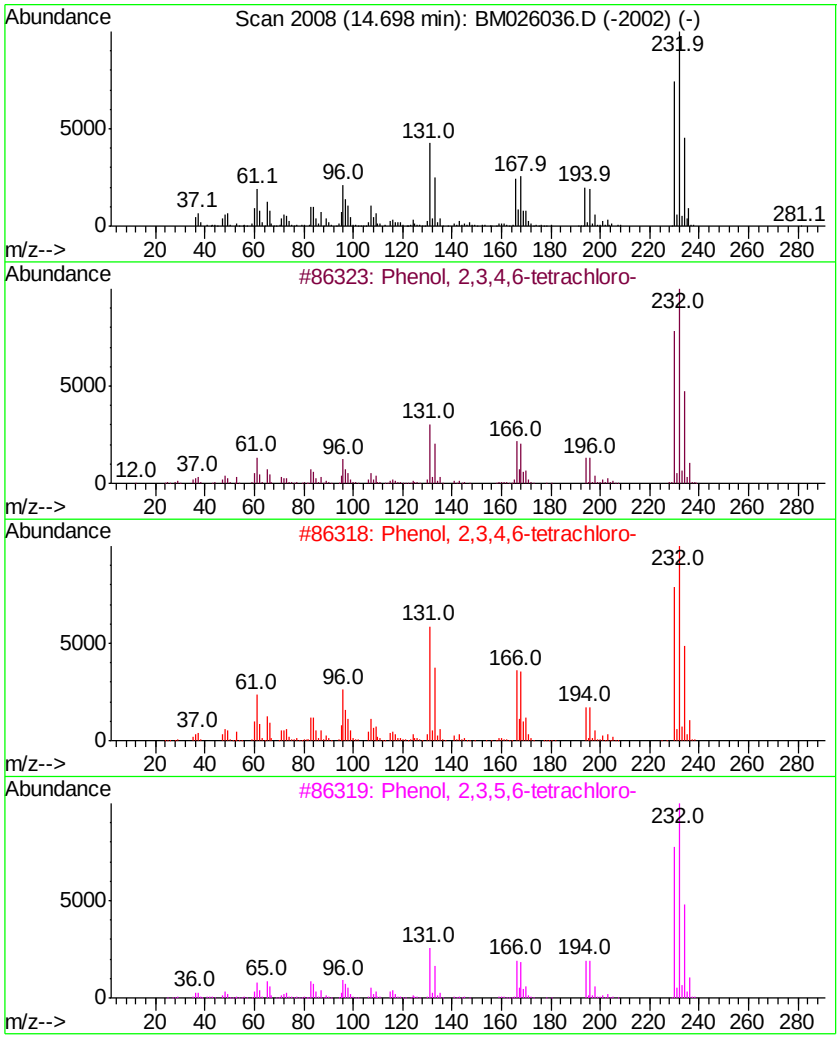
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

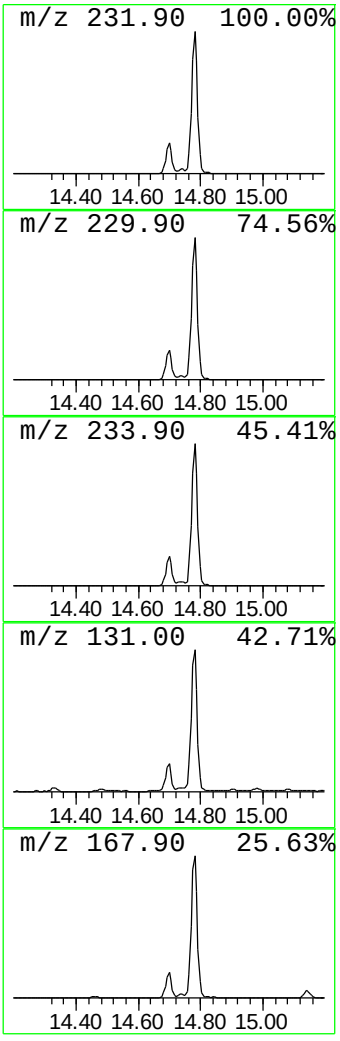
****

Peak Number 1 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.89 ng/ul	609178	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
4	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
Data File : BM026036.D
Acq On : 20 May 2020 13:22
Operator : MA/SJ
Sample : L2681-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CB0DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

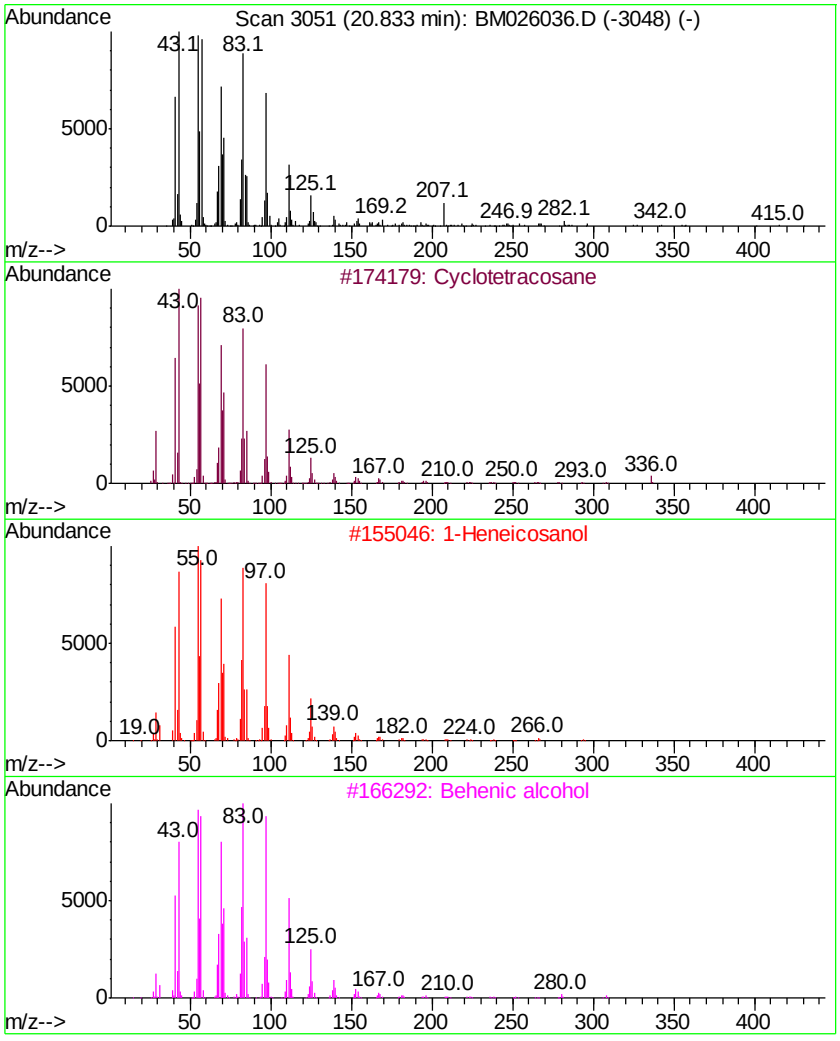
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

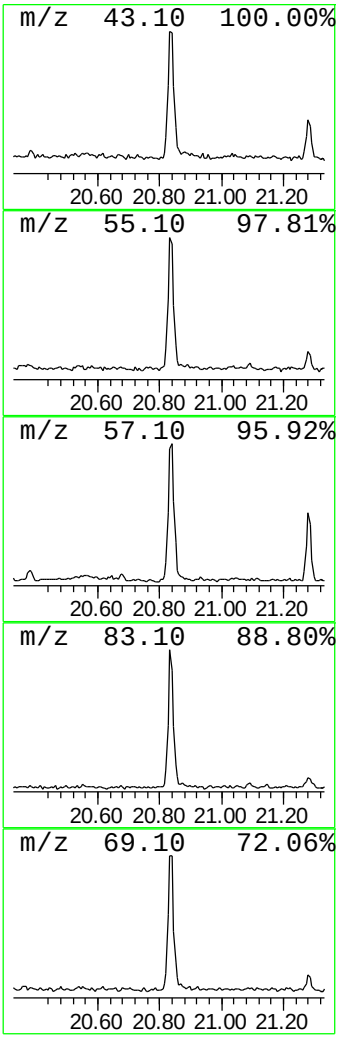
****

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.18 ng/ul	301639	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
Data File : BM026036.D
Acq On : 20 May 2020 13:22
Operator : MA/SJ
Sample : L2681-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CB0DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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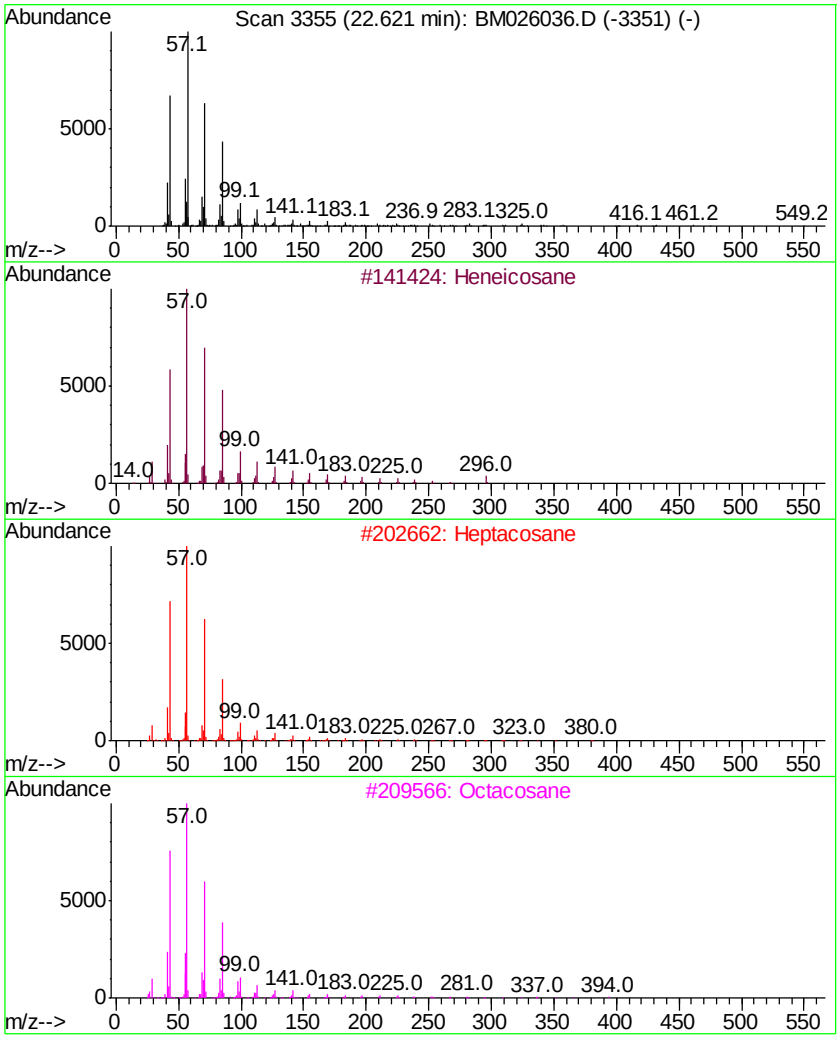
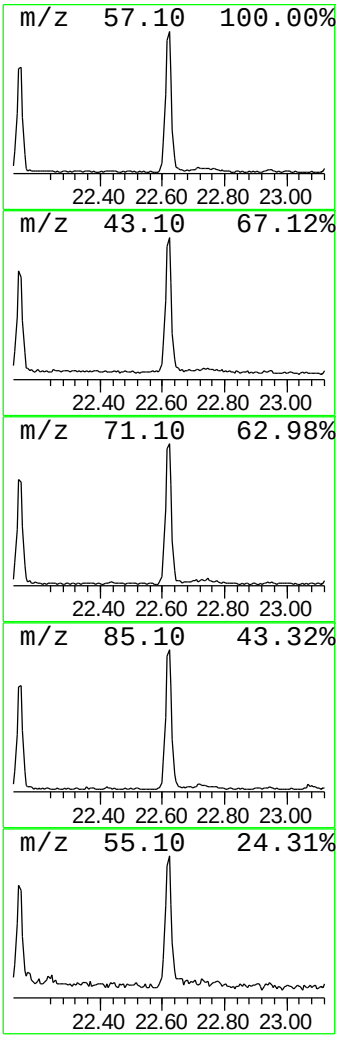
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.33 ng/ul	327577	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Acq On : 20 May 2020 13:22
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Sample : L2681-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CB0DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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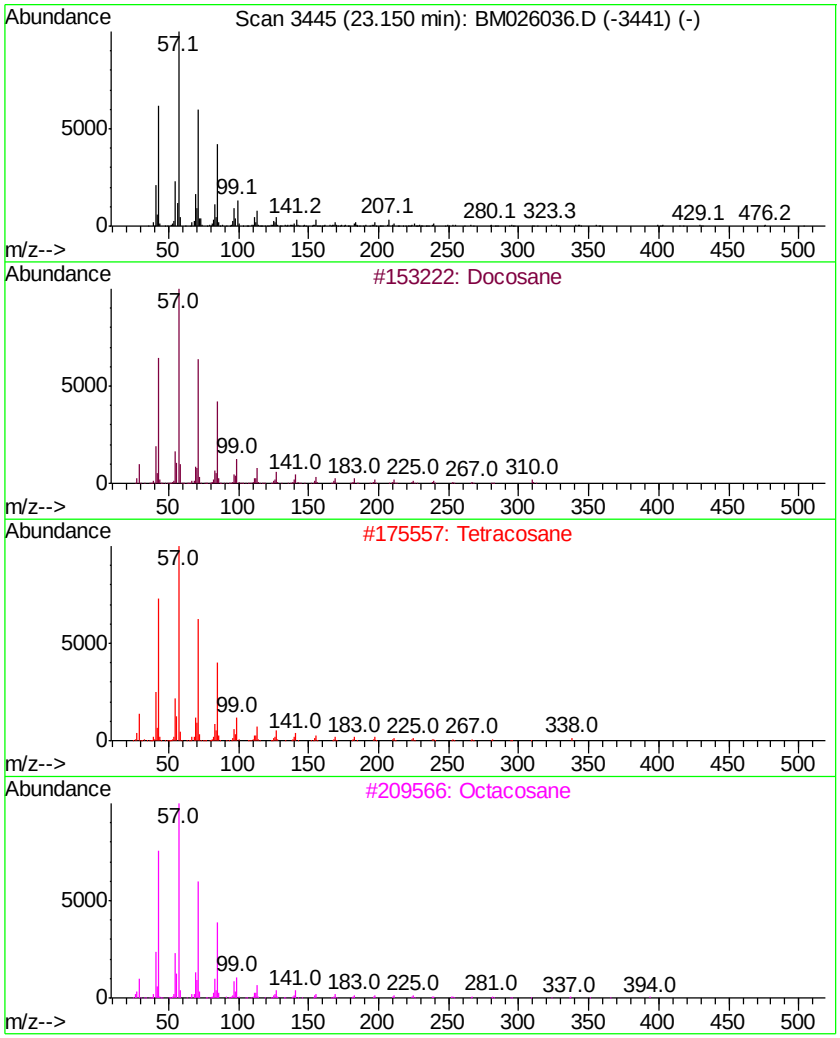
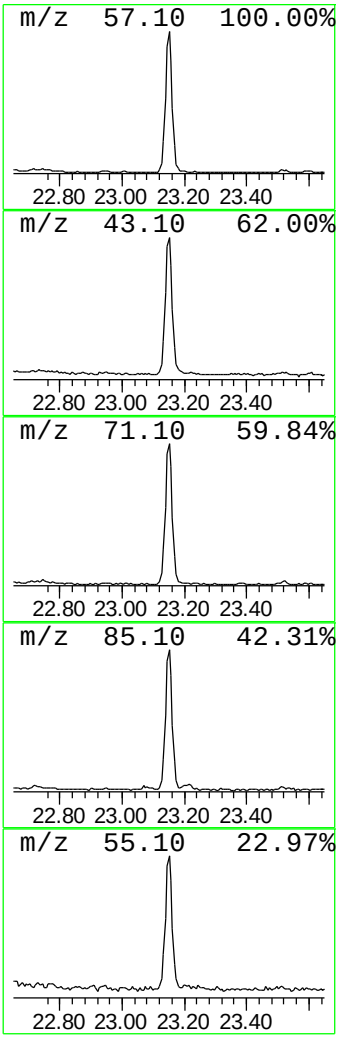
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.39 ng/ul	477040	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Acq On : 20 May 2020 13:22
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Sample : L2681-08DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CB0DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

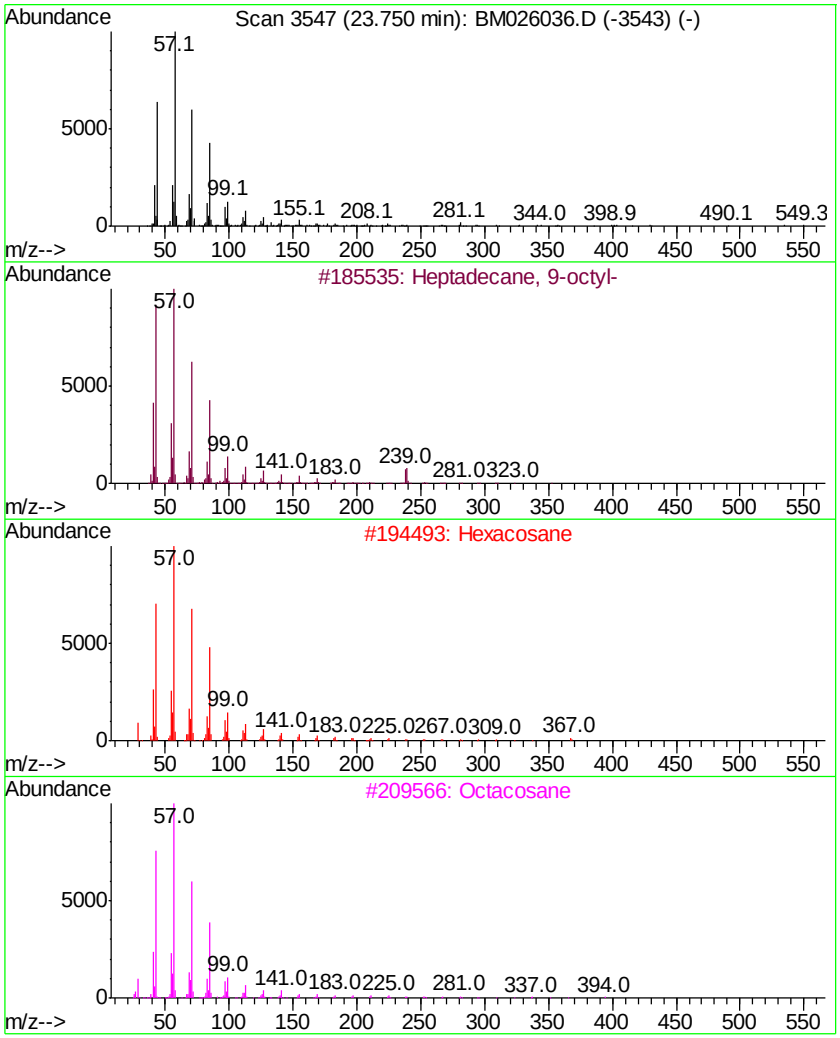
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

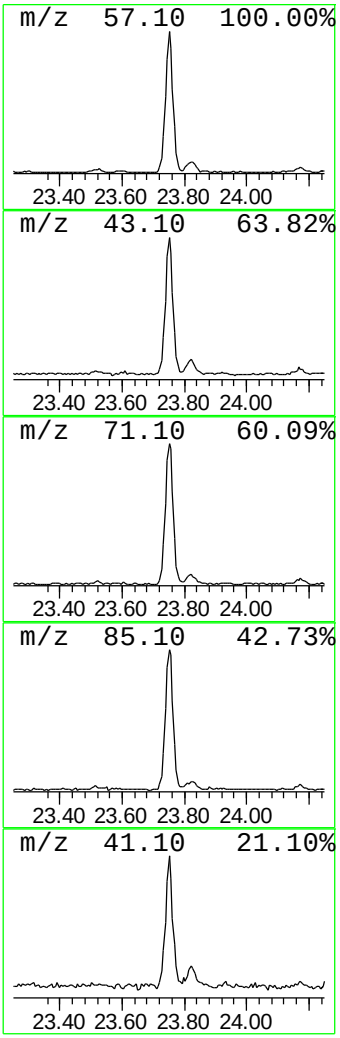
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.01 ng/ul	424074	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Quant Title : SVOA CALIBRATION

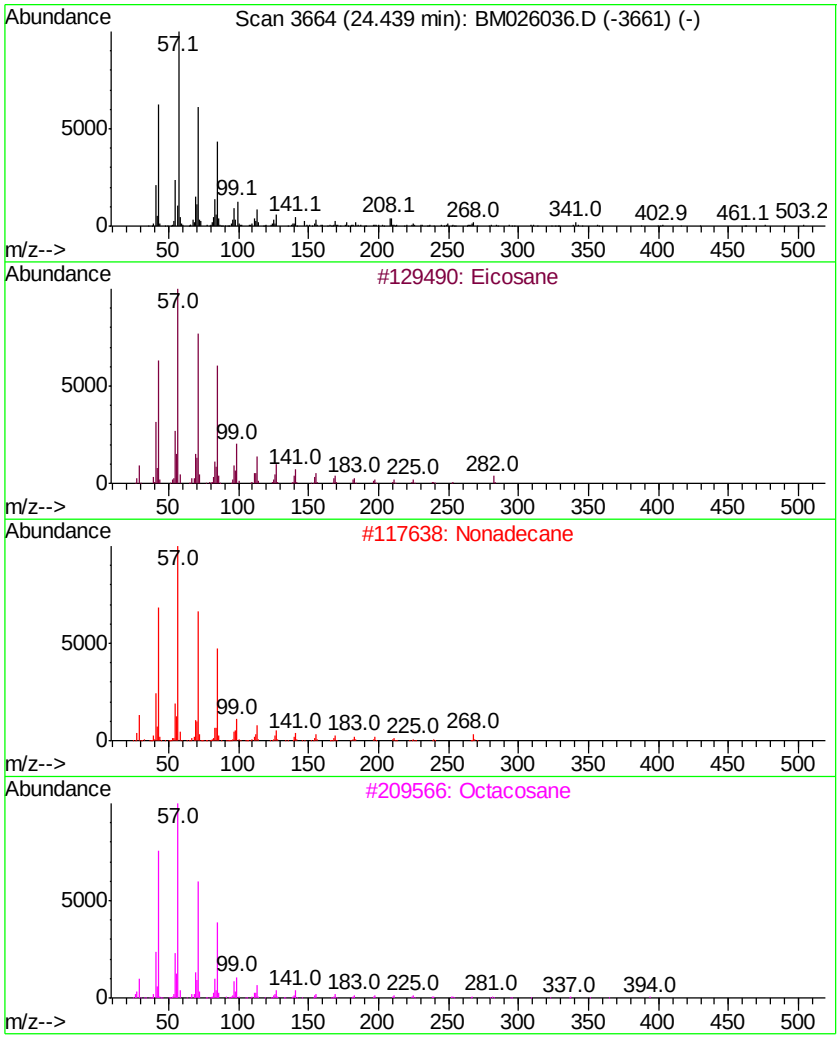
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

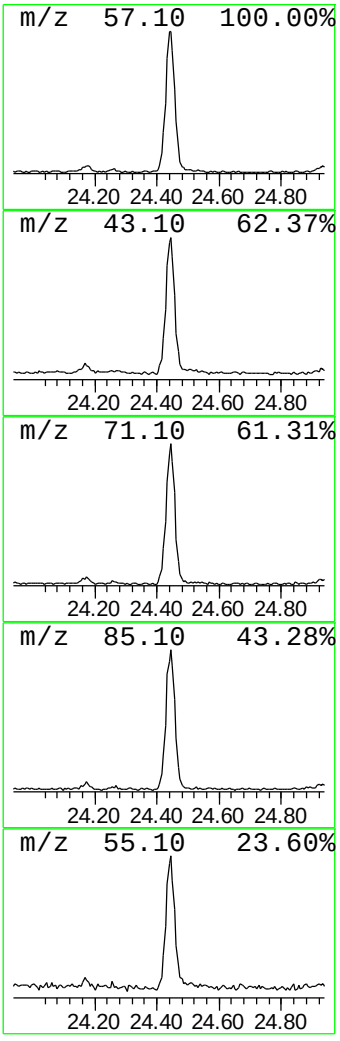
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.44	2.89 ng/ul	407661	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
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
Phenol, 2,3,5,6-t...	14.70	5.9	ng/ul	609178	3	14.15	2067110	20.0
(DEL) Alkane: Cyc...	20.83	2.2	ng/ul	301639	5	21.09	2771920	20.0
(DEL) Alkane: Str...	22.62	2.3	ng/ul	327577	6	23.22	2817550	20.0
(DEL) Alkane: Str...	23.15	3.4	ng/ul	477040	6	23.22	2817550	20.0
(DEL) Alkane: Str...	23.75	3.0	ng/ul	424074	6	23.22	2817550	20.0
(DEL) Alkane: Str...	24.44	2.9	ng/ul	407661	6	23.22	2817550	20.0