LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009165.D
Acq On : 25 Dec 2019 15:27
Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

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-BN122419MA.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	3.134	21	25	36	rBV	78385	121753	1.28%	0.122%
2	3.752	126	130	133	rBV6	7255	11735	0.12%	0.012%
3	3.834	140	144	147	rBV2	12069	15425	0.16%	0.015%
4	6.717	628	634	644	rVB	346523	584434	6.13%	0.586%
5	6.875	651	661	671	rBV	971266	1563656	16.40%	1.568%
6	7.064	687	693	702	rBV	1123004	1738293	18.24%	1.744%
7	7.522	764	771	780	rBV	1143486	1804722	18.93%	1.810%
8	7.605	782	785	792	rVB5	10266	16603	0.17%	0.017%
9	7.969	842	847	851	rBV2	11646	16318	0.17%	0.016%
10	8.228	885	891	905	rVB	962754	1503913	15.78%	1.509%
11	8.663	957	965	974	rBV	1393968	2291265	24.04%	2.298%
12	8.846	992	996	1004	rVB8	6333	14155	0.15%	0.014%
13	9.128	1039	1044	1049	rBV	28242	42372	0.44%	0.043%
14	9.375	1077	1086	1096	rBV	1215685	1927373	20.22%	1.933%
15	9.799	1153	1158	1167	rVB	39056	68709	0.72%	0.069%
16	9.910	1170	1177	1191	rBV	1698259	2795943	29.33%	2.805%
17	10.275	1230	1239	1249	rBV	1786718	3012439	31.60%	3.022%
18	10.422	1256	1264	1271	rBV	90609	164652	1.73%	0.165%
19	11.805	1495	1499	1503	rBV4	14588	23198	0.24%	0.023%
20	11.875	1507	1511	1517	rVB3	28434	47249	0.50%	0.047%
21	12.504	1615	1618	1622	rVB5	8399	12014	0.13%	0.012%
22	12.775	1657	1664	1670	rBV6	12507	21696	0.23%	0.022%
23	13.075	1707	1715	1716	rBV5	7523	11265	0.12%	0.011%
24	13.451	1775	1779	1786	rVB6	7617	12956	0.14%	0.013%
25	13.575	1793	1800	1805	rBV	3470727	4757973	49.91%	4.773%
26	13.622	1805	1808	1813	rVB	240137	304073	3.19%	0.305%
27	13.710	1820	1823	1828	rVB5	8407	10322	0.11%	0.010%
28	13.840	1836	1845	1860	rBV	3668105	5453395	57.21%	5.470%
29	14.093	1883	1888	1891	rBV4	8757	10688	0.11%	0.011%
30	14.151	1891	1898	1913	rVB	2801216	4188321	43.94%	4.201%
31	14.369	1930	1935	1950	rBV	391072	659601	6.92%	0.662%
32	14.604	1971	1975	1979	rBV4	22865	26403	0.28%	0.026%
33	14.993	2037	2041	2047	rBV4	15046	26279	0.28%	0.026%
34	15.046	2047	2050	2055	rVV4	10158	13199	0.14%	0.013%

LSC Area Percent Report

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Acq On : 25 Dec 2019 15:27
Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

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-BN122419MA.M
Title : SVOA CALIBRATION

35	15.157	2058	2069	2080	rBV	4736882	6853428	71.89%	6.875%
36	15.281	2084	2090	2104	rVV	1929243	2684807	28.16%	2.693%
37	15.398	2104	2110	2115	rVV	58373	91967	0.96%	0.092%
38	15.440	2115	2117	2124	rVB5	5852	10128	0.11%	0.010%
39	15.540	2132	2134	2139	rVB5	7897	10826	0.11%	0.011%
40	15.604	2142	2145	2149	rBV6	7629	12815	0.13%	0.013%
41	15.910	2193	2197	2199	rBV3	11548	16098	0.17%	0.016%
42	15.940	2199	2202	2212	rVB4	19863	36629	0.38%	0.037%
43	16.587	2308	2312	2316	rVB5	10645	13775	0.14%	0.014%
44	16.698	2325	2331	2334	rBV5	20671	32609	0.34%	0.033%
45	16.840	2351	2355	2357	rBV5	10807	16824	0.18%	0.017%
46	16.904	2359	2366	2376	rVB	3602656	4974134	52.18%	4.990%
47	17.004	2376	2383	2393	rBV	5711745	8013937	84.07%	8.039%
48	17.204	2416	2417	2422	rBV3	7111	9750	0.10%	0.010%
49	17.287	2426	2431	2433	rBV5	8327	12364	0.13%	0.012%
50	17.316	2433	2436	2440	rVB6	11565	15427	0.16%	0.015%
51	17.439	2454	2457	2459	rBV2	12242	10254	0.11%	0.010%
52	17.592	2479	2483	2484	rBV4	13654	13705	0.14%	0.014%
53	17.610	2484	2486	2489	rVB3	13047	11892	0.12%	0.012%
54	17.828	2518	2523	2531	rBV	229061	361931	3.80%	0.363%
55	18.057	2559	2562	2566	rBV5	12989	17721	0.19%	0.018%
56	18.134	2571	2575	2579	rVV3	37071	50946	0.53%	0.051%
57	18.263	2594	2597	2600	rVB5	22427	26163	0.27%	0.026%
58	18.698	2669	2671	2675	rBV5	9260	11238	0.12%	0.011%
59	18.775	2680	2684	2690	rVB	41738	49491	0.52%	0.050%
60	18.939	2707	2712	2715	rBV	81350	111533	1.17%	0.112%
61	19.122	2739	2743	2747	rBV4	39844	66364	0.70%	0.067%
62	19.186	2751	2754	2760	rVB	65794	94400	0.99%	0.095%
63	19.304	2766	2774	2780	rBV2	6954786	9532586	100.00%	9.562%
64	19.357	2780	2783	2786	rVV	89484	100722	1.06%	0.101%
65	19.392	2786	2789	2792	rVB	57458	62357	0.65%	0.063%
66	19.863	2865	2869	2871	rBV4	45882	65795	0.69%	0.066%
67	19.898	2871	2875	2879	rVB	160729	181938	1.91%	0.183%
68	20.392	2956	2959	2963	rVB	281455	311954	3.27%	0.313%
69	20.857	3033	3038	3043	rBV2	1831559	2521626	26.45%	2.529%
70	21.110	3075	3081	3086	rBV	4483689	5617345	58.93%	5.635%
71	21.298	3109	3113	3122	rVB	766285	854807	8.97%	0.857%

LSC Area Percent Report

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Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

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-BN122419MA.M
Title : SVOA CALIBRATION

72	21.722	3181	3185	3195	rBV	988344	1218233	12.78%	1.222%
73	22.163	3256	3260	3266	rBV	1075370	1328233	13.93%	1.332%
74	22.645	3337	3342	3347	rBV	1199454	1607869	16.87%	1.613%
75	23.116	3415	3422	3428	rBV	4868734	8657301	90.82%	8.684%
76	23.180	3428	3433	3438	rVV	1228034	1862515	19.54%	1.868%
77	23.245	3438	3444	3453	rVB2	2940920	5159439	54.12%	5.175%
78	23.786	3530	3536	3541	rBV	953596	1670947	17.53%	1.676%
79	23.863	3545	3549	3556	rVB2	298665	589781	6.19%	0.592%
80	24.474	3648	3653	3665	rVB	650856	1444433	15.15%	1.449%

Sum of corrected areas: 99691429

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Sample : K6276-16
Misc :
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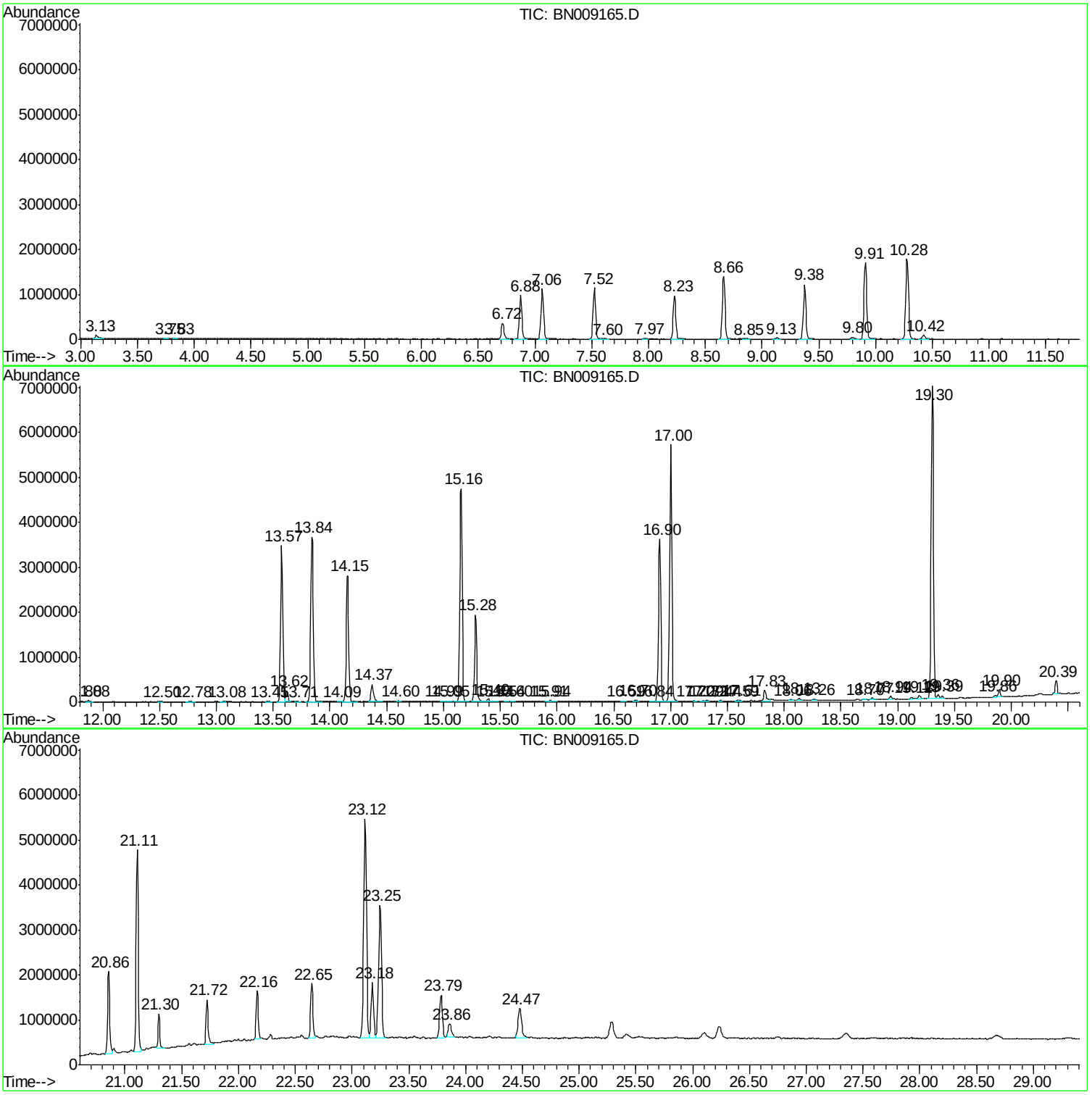
Instrument : BNA_N
ClientSampleId : C0C65

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.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\BN122419\
Data File : BN009165.D
Acq On : 25 Dec 2019 15:27
Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

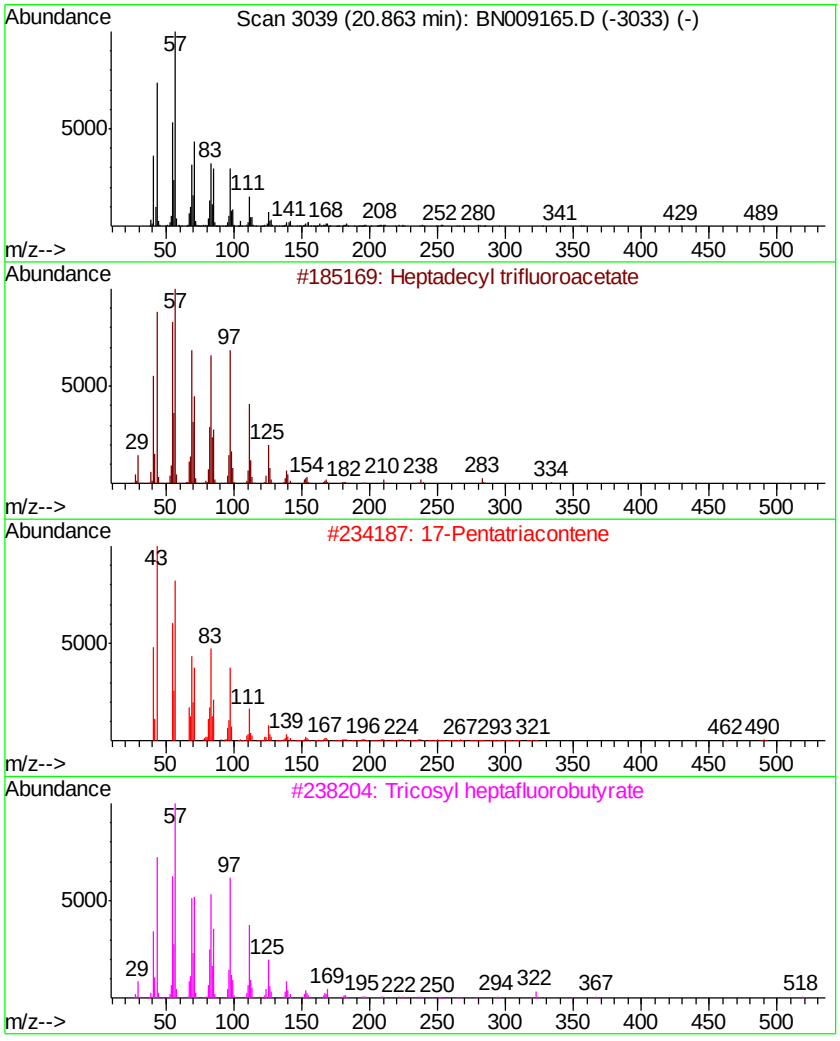
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

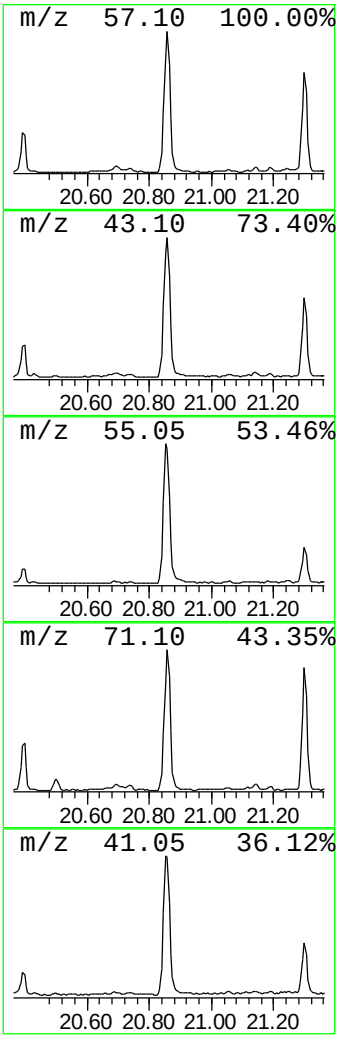
****

Peak Number 1 Heptadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	8.98 ng/ul	2521630	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91





Library Search Compound Report

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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

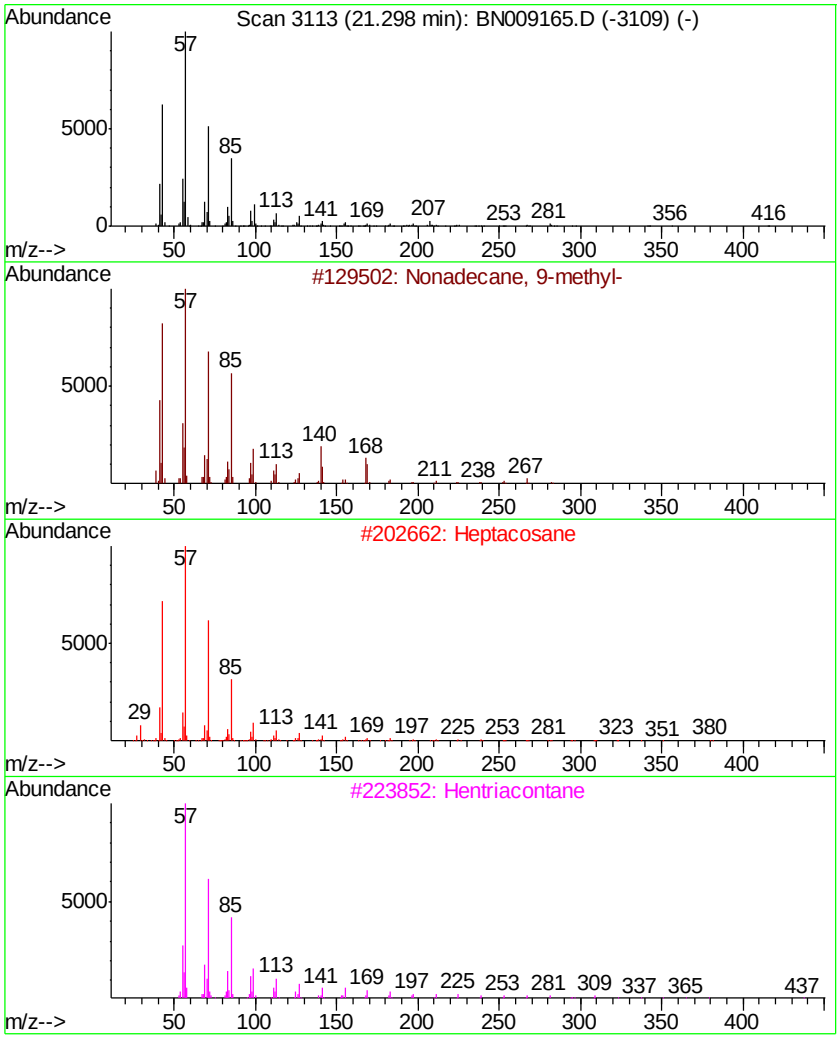
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

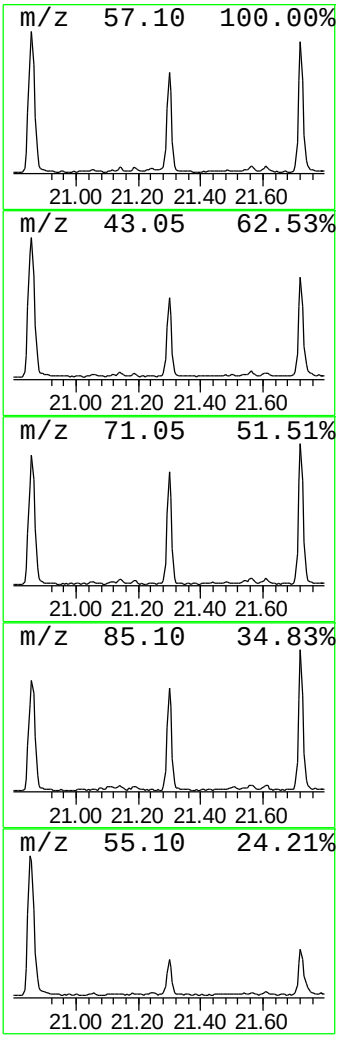
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.04 ng/ul	854807	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
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Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

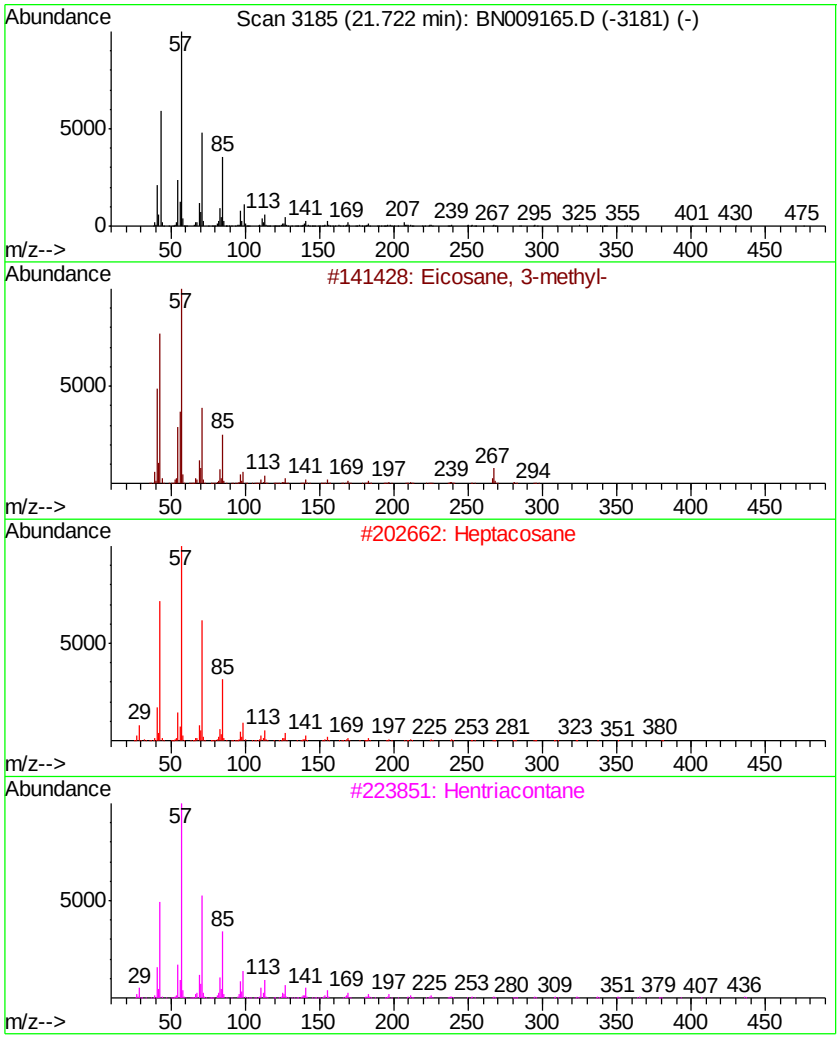
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

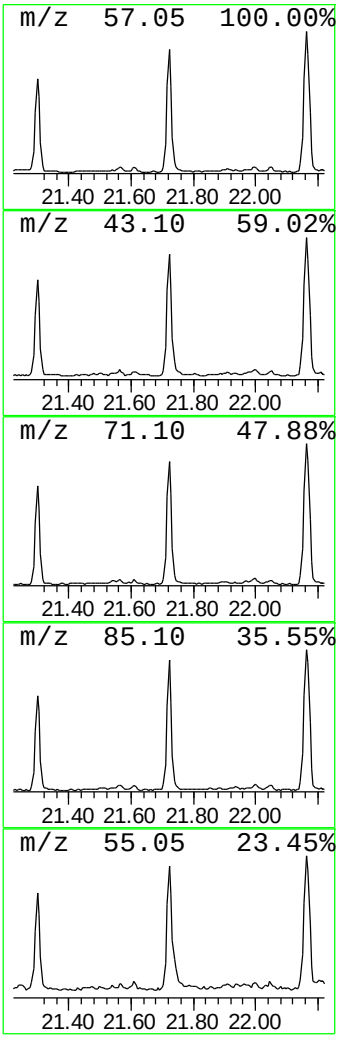
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	4.34 ng/ul	1218230	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009165.D
Acq On : 25 Dec 2019 15:27
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Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

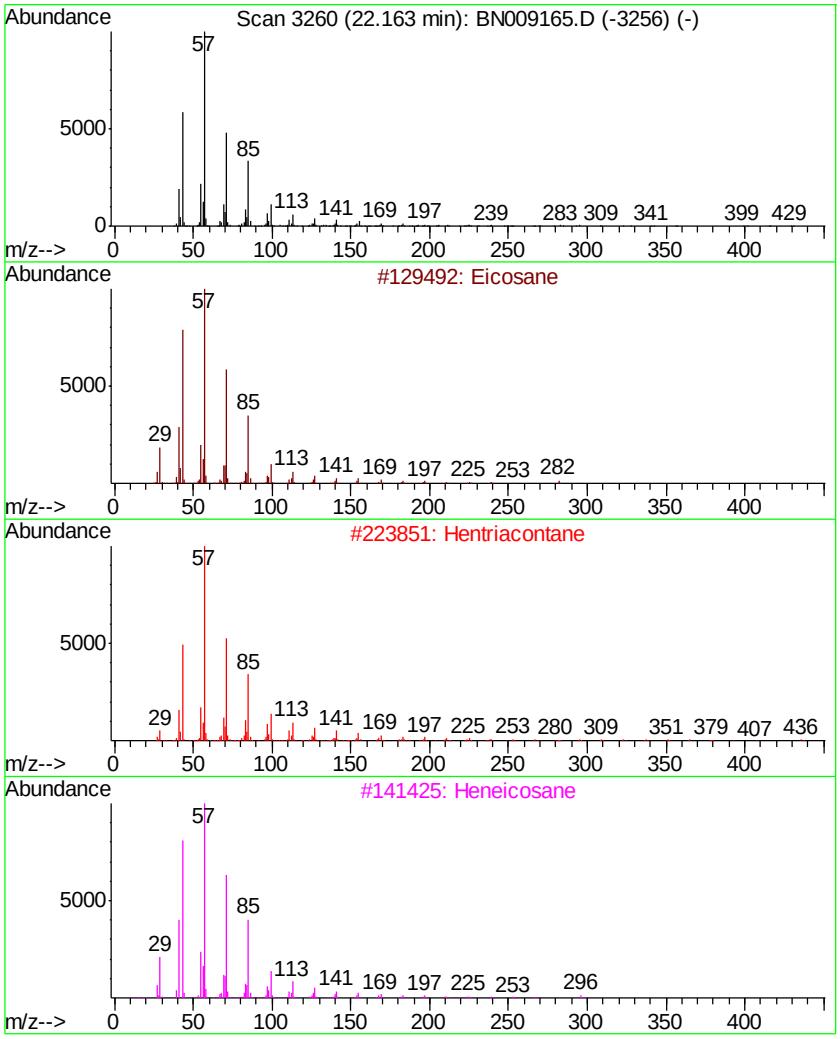
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

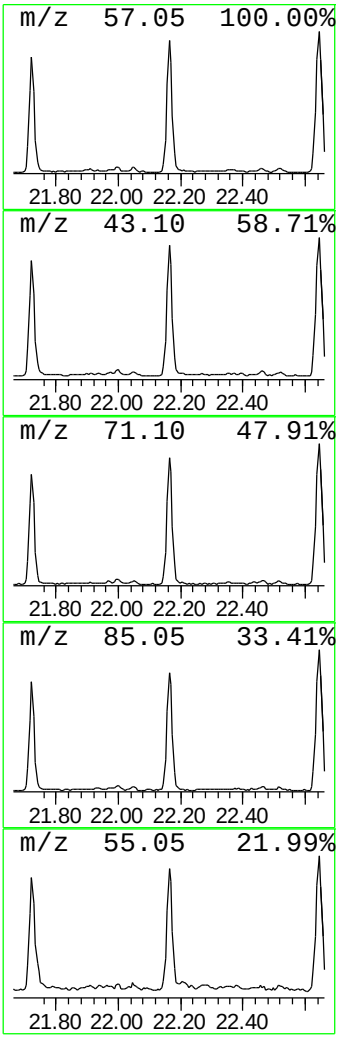
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	4.73 ng/ul	1328230	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





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Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

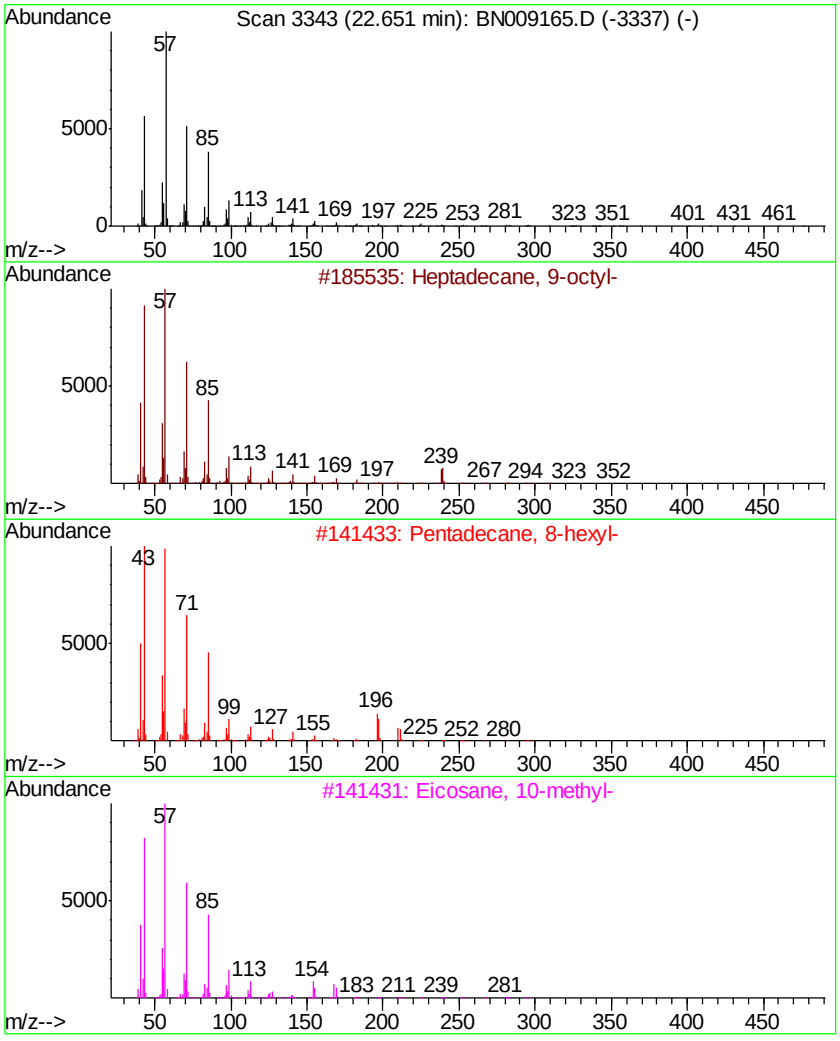
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

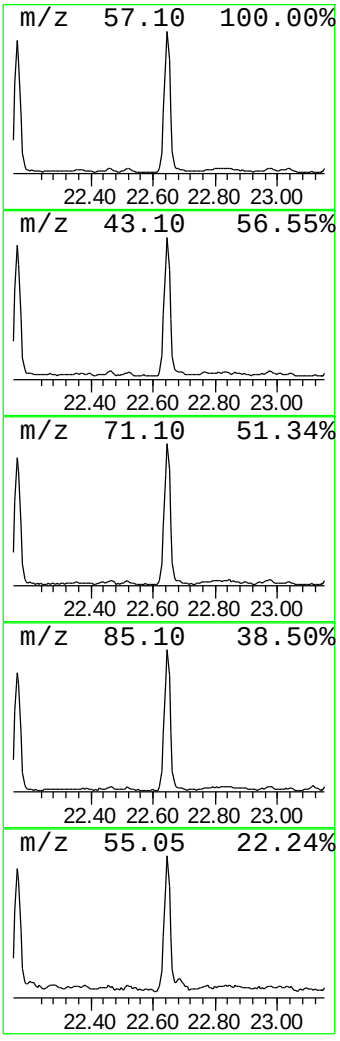
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	6.23 ng/ul	1607870	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BN009165.D
Acq On : 25 Dec 2019 15:27
Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

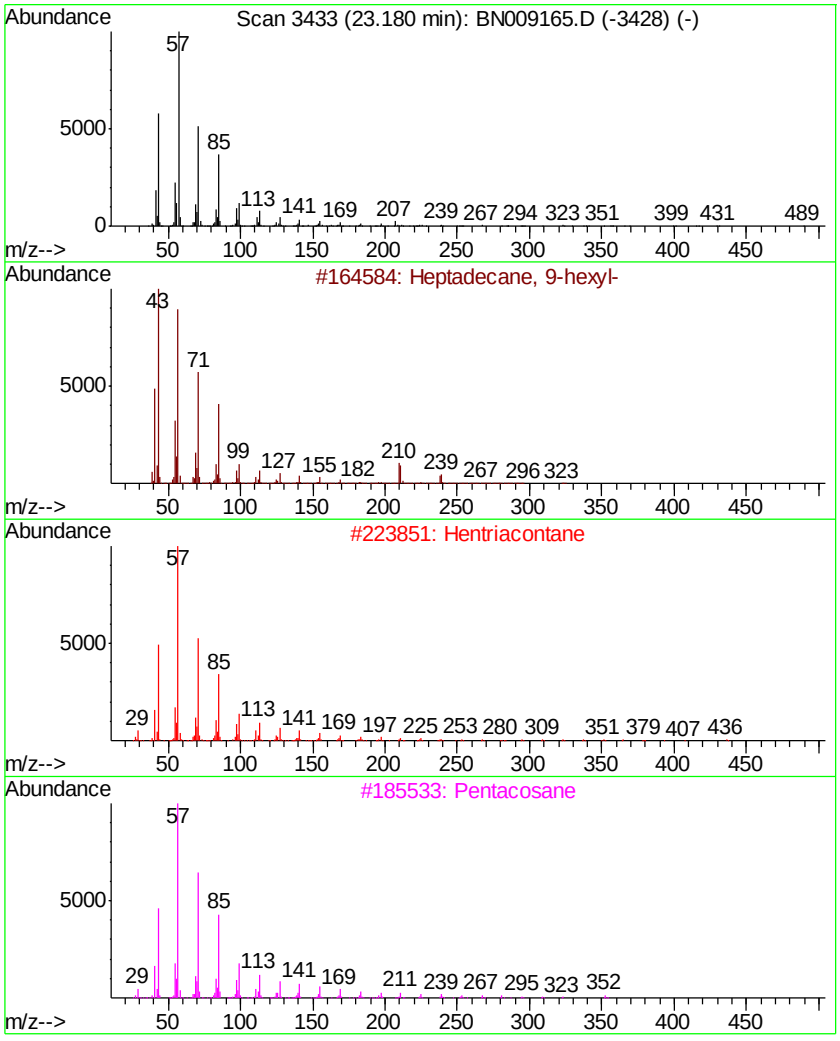
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

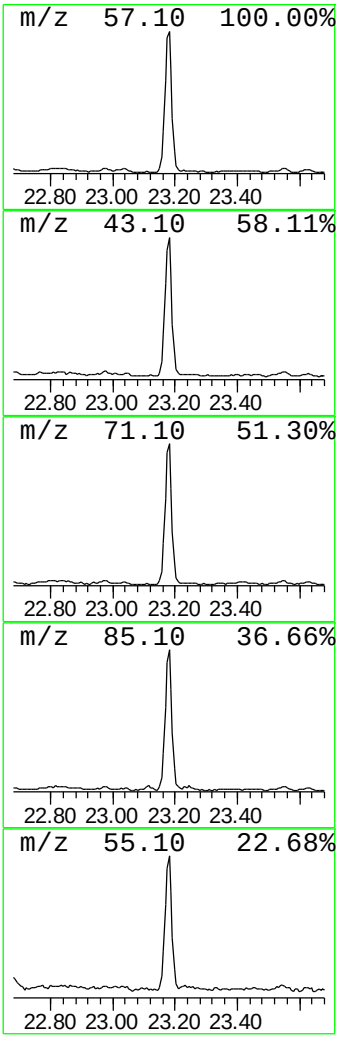
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	7.22 ng/ul	1862520	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Eicosane	282	C20H42	000112-95-8	90





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

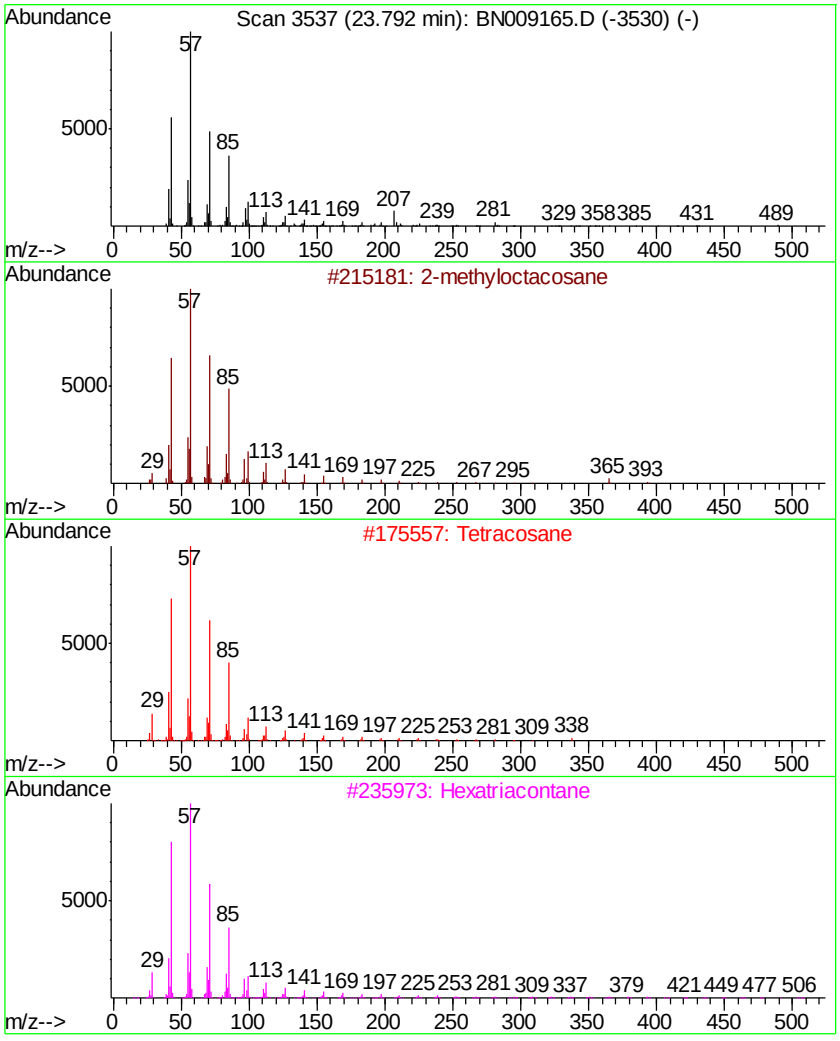
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

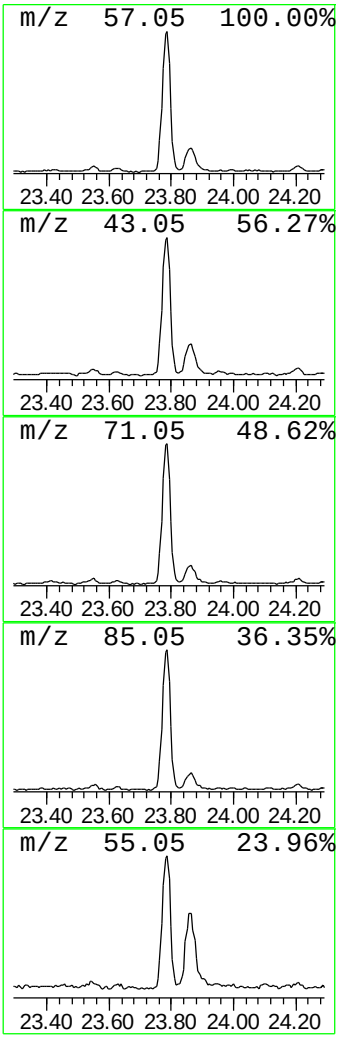
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	6.48 ng/ul	1670950	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009165.D
Acq On : 25 Dec 2019 15:27
Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

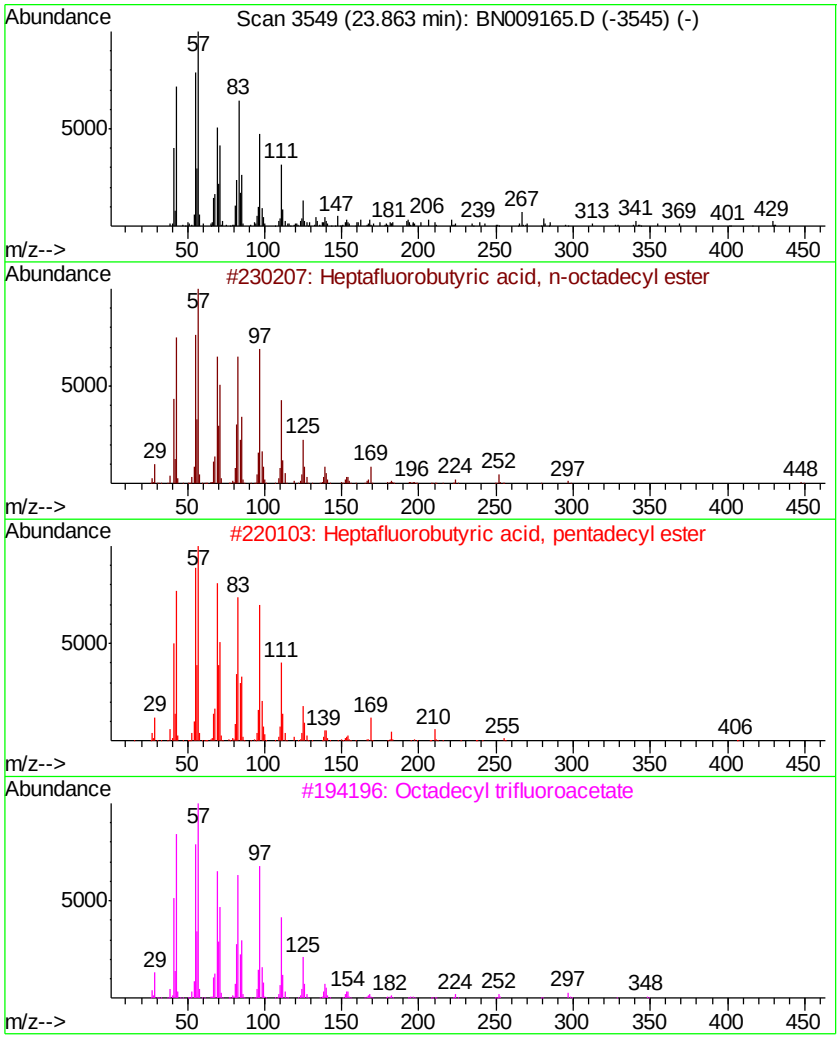
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

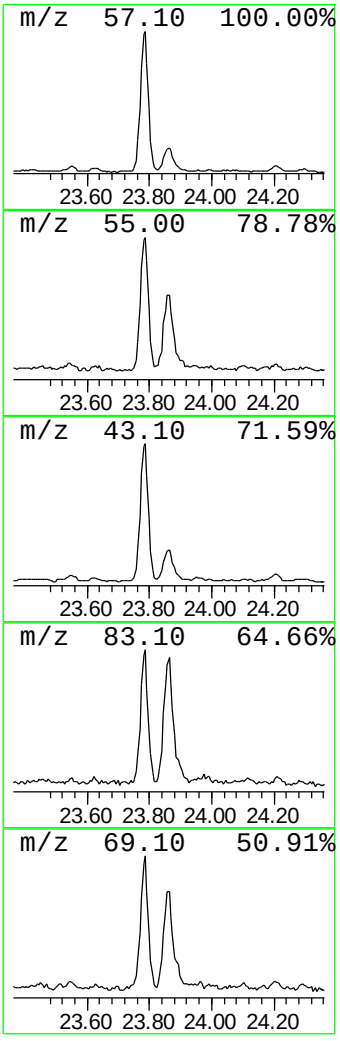
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptafluorobutyric acid, n-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.29 ng/ul	589781	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009165.D
Acq On : 25 Dec 2019 15:27
Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

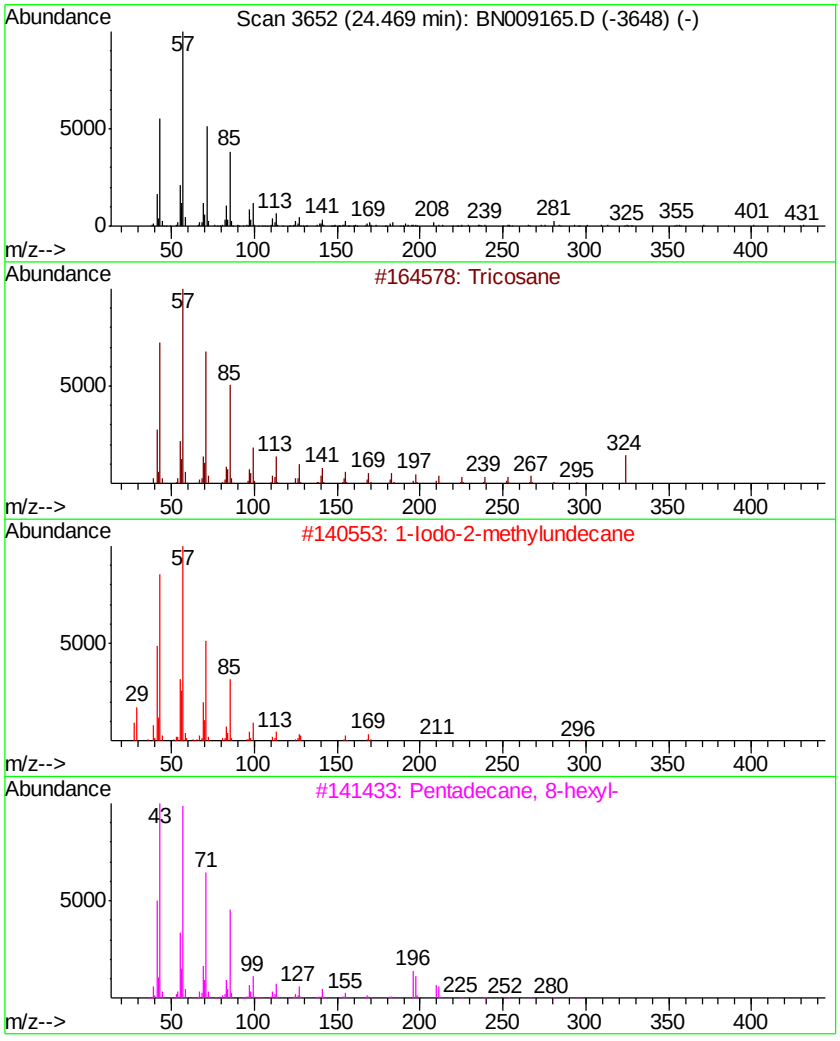
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

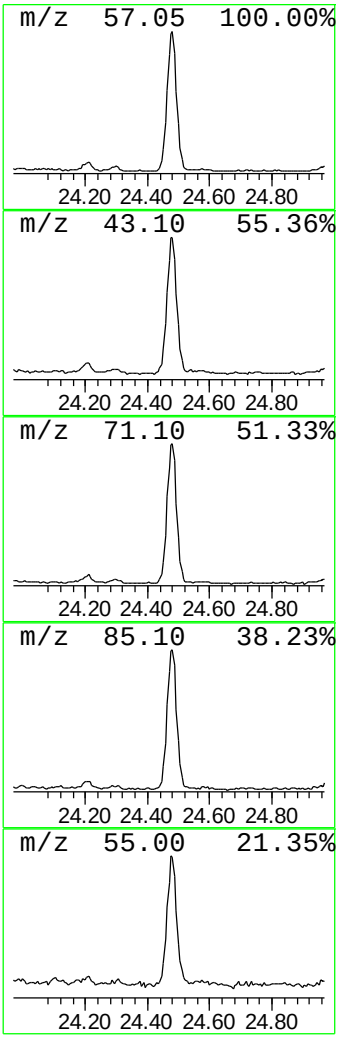
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	5.60 ng/ul	1444430	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122419\
Data File : BN009165.D
Acq On : 25 Dec 2019 15:27
Operator : JU
Sample : K6276-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C65

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.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
Heptadecyl triflu...	20.86	9.0	ng/ul	2521630	5	21.11	5617350	20.0
(DEL) Alkane: Str...	21.30	3.0	ng/ul	854807	5	21.11	5617350	20.0
(DEL) Alkane: Str...	21.72	4.3	ng/ul	1218230	5	21.11	5617350	20.0
(DEL) Alkane: Str...	22.16	4.7	ng/ul	1328230	5	21.11	5617350	20.0
(DEL) Alkane: Str...	22.65	6.2	ng/ul	1607870	6	23.25	5159440	20.0
(DEL) Alkane: Str...	23.18	7.2	ng/ul	1862520	6	23.25	5159440	20.0
(DEL) Alkane: Str...	23.79	6.5	ng/ul	1670950	6	23.25	5159440	20.0
Heptafluorobutyri...	23.86	2.3	ng/ul	589781	6	23.25	5159440	20.0
(DEL) Alkane: Str...	24.47	5.6	ng/ul	1444430	6	23.25	5159440	20.0