LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024275.D
Acq On : 25 Dec 2019 04:00
Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

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-BM121719MA.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	2.993	15	18	32	rVB2	70916	131878	1.91%	0.179%
2	3.687	134	136	143	rVB2	17788	25129	0.36%	0.034%
3	4.010	189	191	195	rBV5	4748	7184	0.10%	0.010%
4	4.193	219	222	229	rVB8	10371	18488	0.27%	0.025%
5	6.634	631	637	651	rBV2	267273	527830	7.63%	0.718%
6	6.781	656	662	677	rBV	839949	1389908	20.08%	1.890%
7	6.969	687	694	706	rBV	1019997	1660231	23.98%	2.258%
8	7.428	765	772	782	rBV	1118935	1750605	25.29%	2.381%
9	7.957	858	862	864	rBV4	6098	7863	0.11%	0.011%
10	8.157	889	896	915	rBV	793109	1374552	19.86%	1.869%
11	8.580	961	968	986	rBV	1062048	1821400	26.31%	2.477%
12	8.739	991	995	1001	rVV6	8105	13301	0.19%	0.018%
13	9.016	1037	1042	1046	rBV	16390	28006	0.40%	0.038%
14	9.298	1082	1090	1105	rBV	899135	1565256	22.61%	2.129%
15	9.839	1175	1182	1196	rBV	1297313	2440280	35.25%	3.319%
16	10.192	1235	1242	1255	rBV	1496271	2534803	36.62%	3.447%
17	10.363	1264	1271	1282	rBV2	116879	268686	3.88%	0.365%
18	11.063	1387	1390	1393	rBV4	5597	8954	0.13%	0.012%
19	11.763	1504	1509	1512	rBV5	16003	30099	0.43%	0.041%
20	11.804	1512	1516	1524	rVB3	20733	42055	0.61%	0.057%
21	12.651	1655	1660	1665	rBV2	13920	20507	0.30%	0.028%
22	12.698	1665	1668	1673	rVB6	7946	10245	0.15%	0.014%
23	12.933	1702	1708	1716	rBV10	5801	15089	0.22%	0.021%
24	13.004	1716	1720	1726	rVV7	6434	10920	0.16%	0.015%
25	13.392	1779	1786	1790	rBV8	5095	8337	0.12%	0.011%
26	13.515	1801	1807	1813	rBV	2694500	3793928	54.81%	5.160%
27	13.563	1813	1815	1824	rVB	115441	166968	2.41%	0.227%
28	13.715	1838	1841	1845	rBV5	4590	7700	0.11%	0.010%
29	13.780	1845	1852	1864	rBV	3182696	4696146	67.84%	6.386%
30	13.915	1874	1875	1881	rVB4	7172	7399	0.11%	0.010%
31	14.092	1898	1905	1918	rBV	2229926	3255715	47.03%	4.428%
32	14.368	1946	1952	1968	rBV2	117738	352356	5.09%	0.479%
33	14.551	1980	1983	1988	rVB6	10772	13613	0.20%	0.019%
34	14.651	1996	2000	2004	rBV7	4639	7842	0.11%	0.011%

LSC Area Percent Report

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Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

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-BM121719MA.M
Title : SVOA CALIBRATION

35	14.774	2016	2021	2030	rVB	40475	65050	0.94%	0.088%
36	14.868	2033	2037	2042	rVB7	12011	17671	0.26%	0.024%
37	14.939	2046	2049	2053	rVB4	7484	11983	0.17%	0.016%
38	15.027	2060	2064	2065	rBV4	6426	7171	0.10%	0.010%
39	15.098	2068	2076	2089	rBV	4026151	5758342	83.19%	7.831%
40	15.251	2096	2102	2113	rBV	672763	1034841	14.95%	1.407%
41	15.339	2113	2117	2121	rVB	38950	58167	0.84%	0.079%
42	15.492	2139	2143	2148	rBV	67011	101387	1.46%	0.138%
43	15.562	2148	2155	2159	rVV2	35528	66171	0.96%	0.090%
44	15.592	2159	2160	2164	rVB2	22476	21149	0.31%	0.029%
45	15.639	2164	2168	2172	rBV2	14357	21746	0.31%	0.030%
46	15.862	2201	2206	2216	rBV	149872	241339	3.49%	0.328%
47	15.956	2216	2222	2226	rBV	432130	578485	8.36%	0.787%
48	16.015	2227	2232	2238	rVV2	413636	765959	11.07%	1.042%
49	16.074	2238	2242	2246	rVV2	416635	652168	9.42%	0.887%
50	16.115	2246	2249	2254	rVV	255295	327334	4.73%	0.445%
51	16.192	2254	2262	2265	rVV	173875	352128	5.09%	0.479%
52	16.221	2265	2267	2271	rVV	148036	164101	2.37%	0.223%
53	16.274	2271	2276	2283	rVV3	336537	646034	9.33%	0.879%
54	16.345	2283	2288	2291	rVV	503536	697134	10.07%	0.948%
55	16.374	2291	2293	2296	rVV3	100384	149760	2.16%	0.204%
56	16.415	2296	2300	2306	rVB2	301381	410554	5.93%	0.558%
57	16.462	2306	2308	2312	rBV5	7134	9513	0.14%	0.013%
58	16.533	2315	2320	2321	rBV5	15277	19968	0.29%	0.027%
59	16.574	2325	2327	2332	rVB2	24153	28493	0.41%	0.039%
60	16.639	2332	2338	2342	rBV5	24694	56721	0.82%	0.077%
61	16.851	2368	2374	2384	rBV	2557485	3589863	51.86%	4.882%
62	16.951	2385	2391	2403	rVV	4414808	6031037	87.12%	8.202%
63	17.062	2406	2410	2412	rBV5	13539	18859	0.27%	0.026%
64	17.156	2423	2426	2431	rBV	31955	44347	0.64%	0.060%
65	17.780	2527	2532	2540	rBV	328964	520058	7.51%	0.707%
66	18.892	2718	2721	2725	rBV	54141	69140	1.00%	0.094%
67	19.074	2748	2752	2760	rBV3	136829	245755	3.55%	0.334%
68	19.262	2778	2784	2794	rBV	5068884	6735439	97.30%	9.160%
69	20.803	3042	3046	3052	rBV	914824	1173001	16.95%	1.595%
70	21.068	3086	3091	3098	rBV	2936202	3817978	55.15%	5.192%
71	23.062	3424	3430	3436	rBV	4042285	6922298	100.00%	9.414%

LSC Area Percent Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

72	23.197	3447	3453	3463	rVB	2276066	4088045	59.06%	5.560%

Sum of corrected areas: 73532462

LSC Report - Integrated Chromatogram

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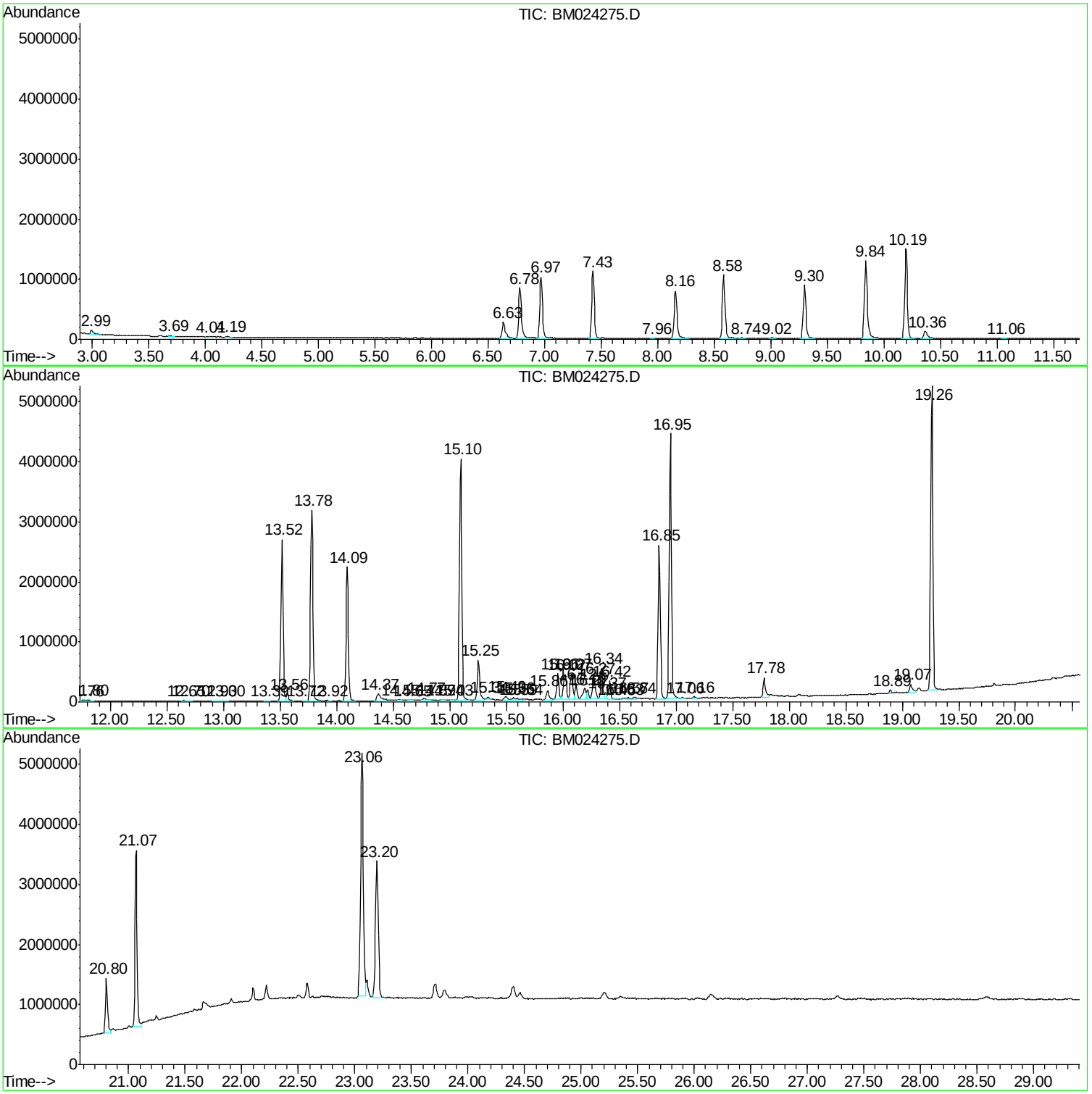
Acq On : 25 Dec 2019 04:00
Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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\BM122319\
Data File : BM024275.D
Acq On : 25 Dec 2019 04:00
Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

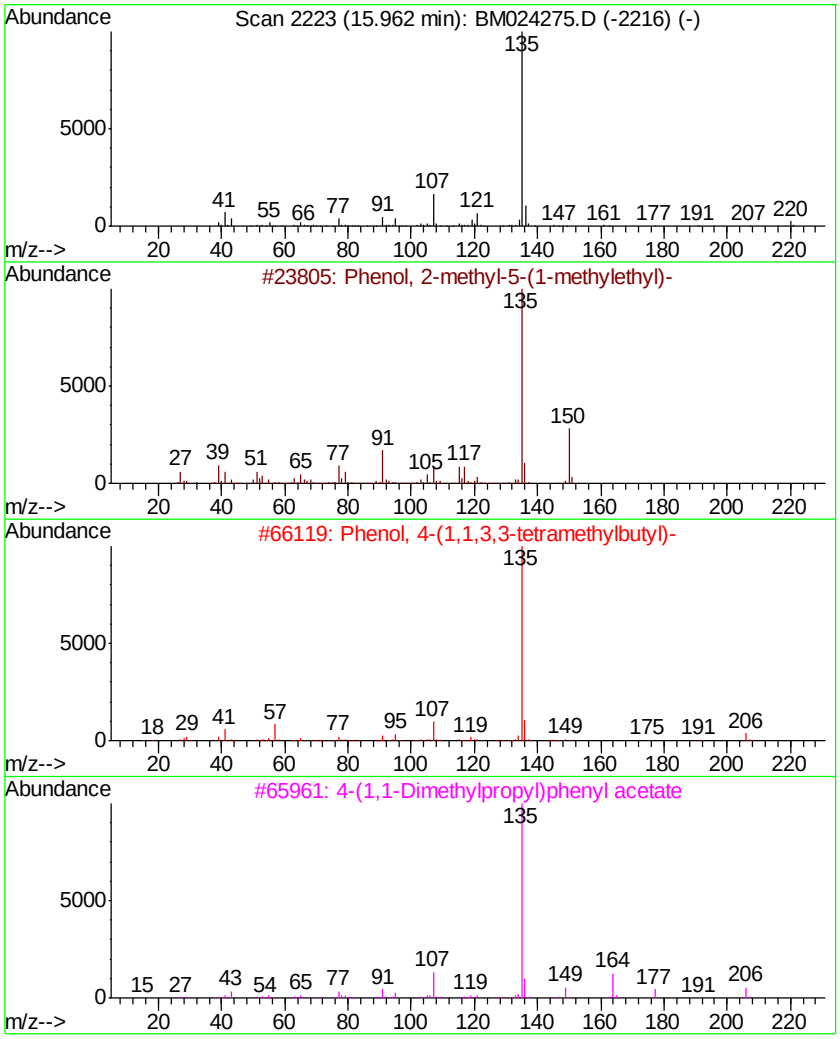
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

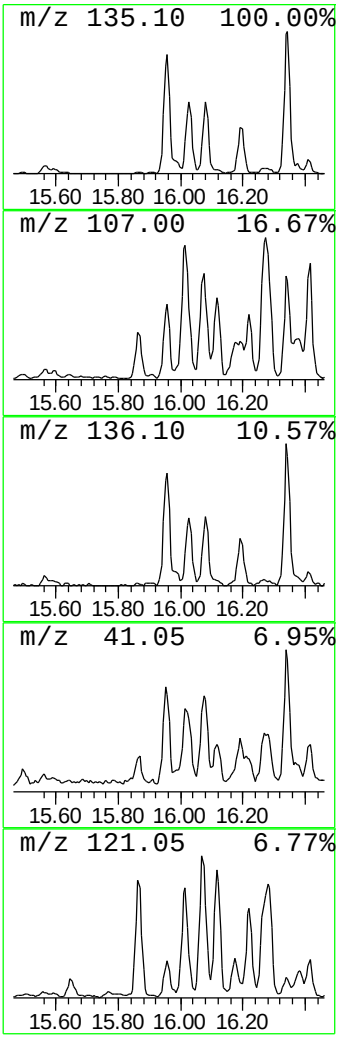
****

Peak Number 1 Phenol, 2-methyl-5-(1-methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.22 ng/ul	578485	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024275.D
Acq On : 25 Dec 2019 04:00
Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

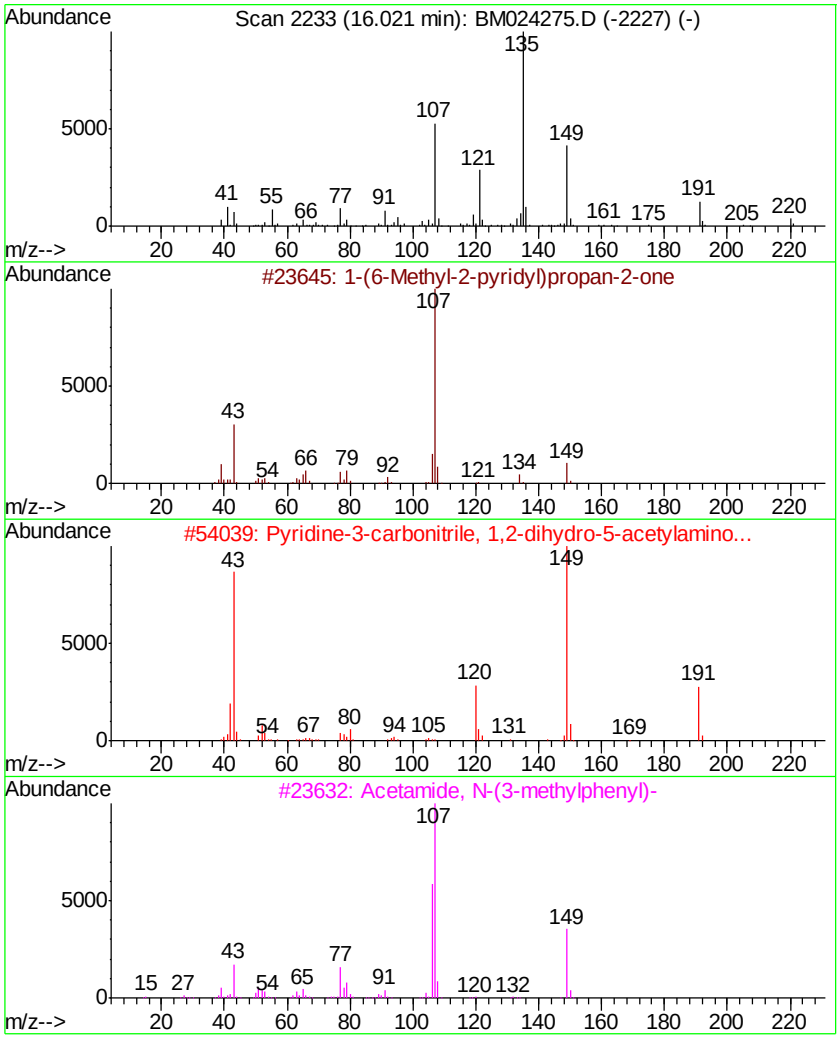
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

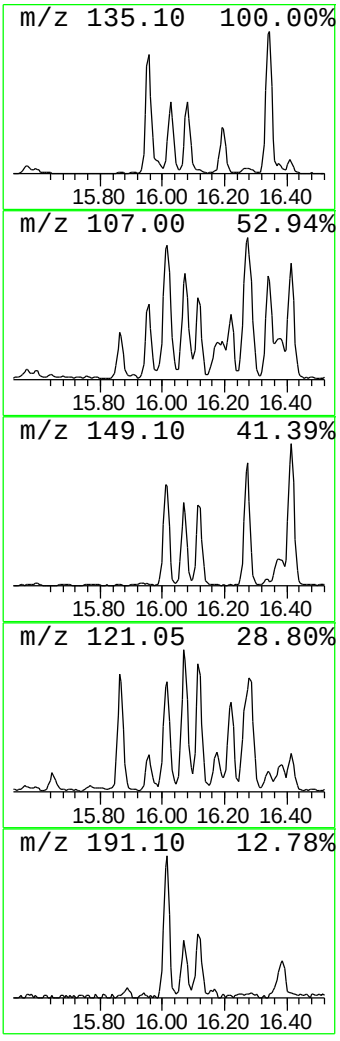
****

Peak Number 2 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	4.27 ng/ul	765959	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	50
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
4	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	30
5	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024275.D
Acq On : 25 Dec 2019 04:00
Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

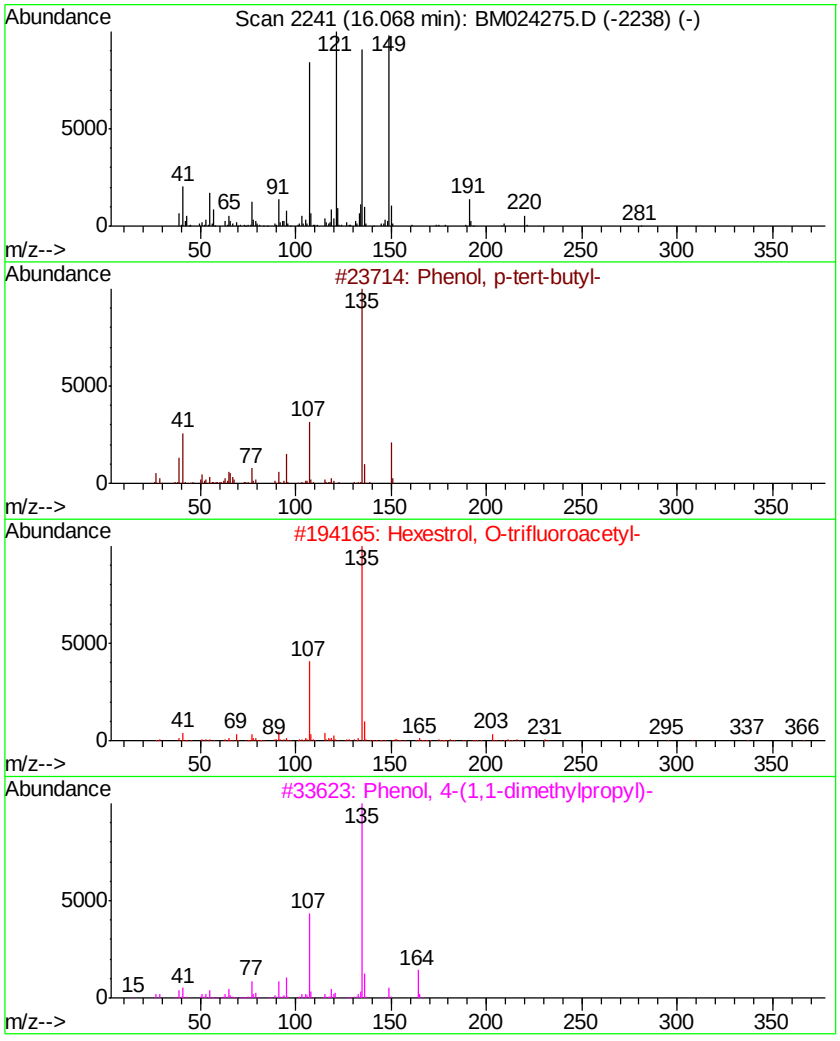
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

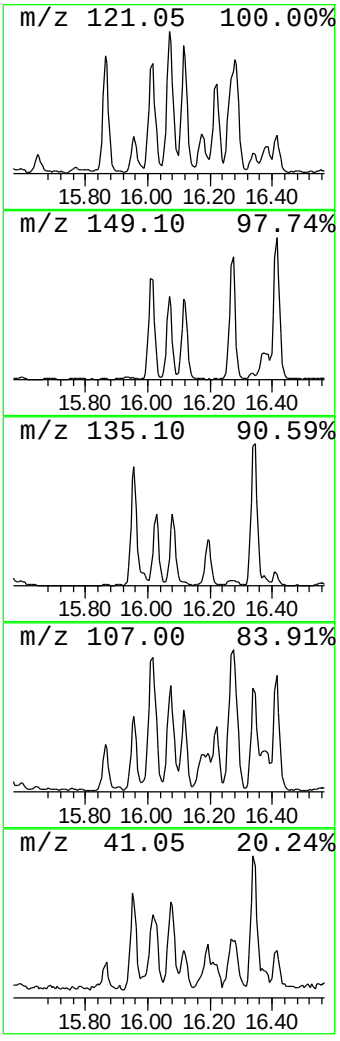
****

Peak Number 3 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.63 ng/ul	652168	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	50
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

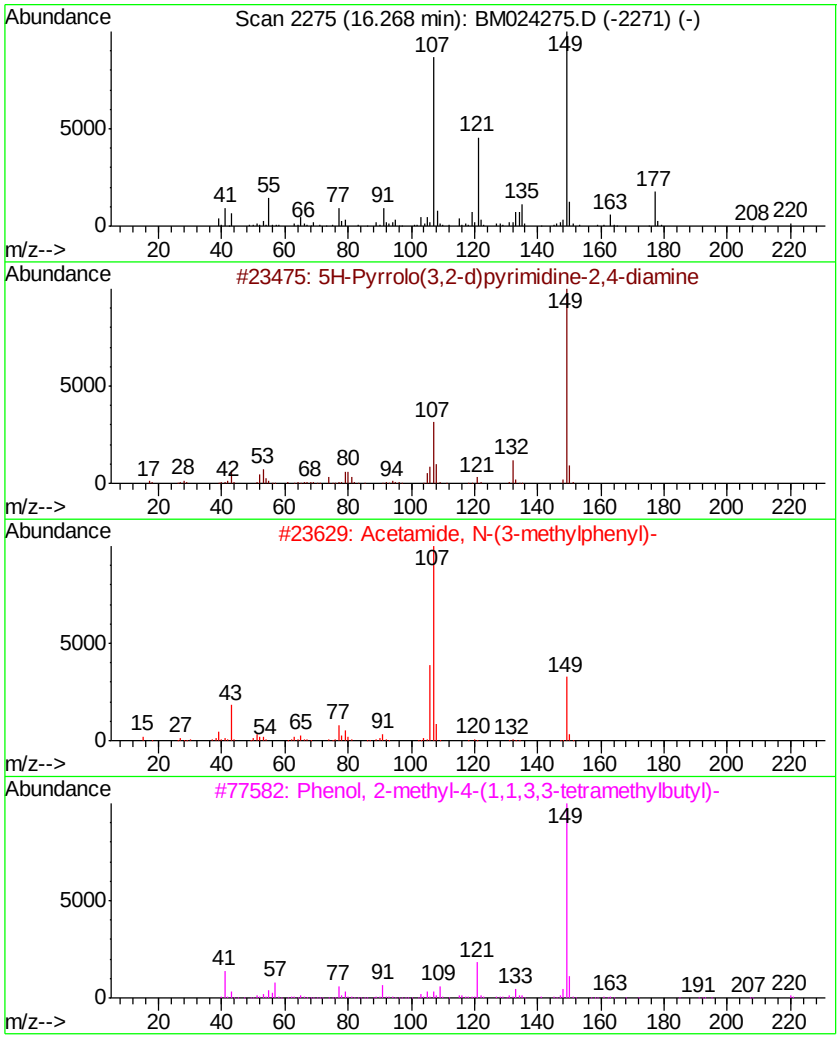
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

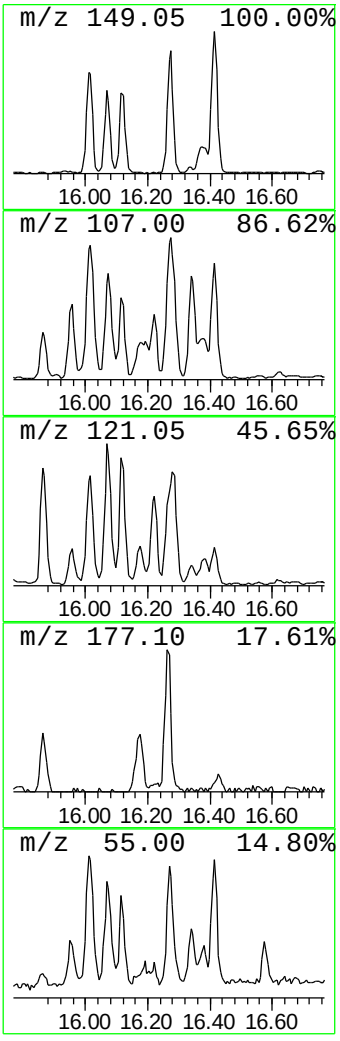
****

Peak Number 4 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	3.60 ng/ul	646034	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	72
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	47
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
4	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

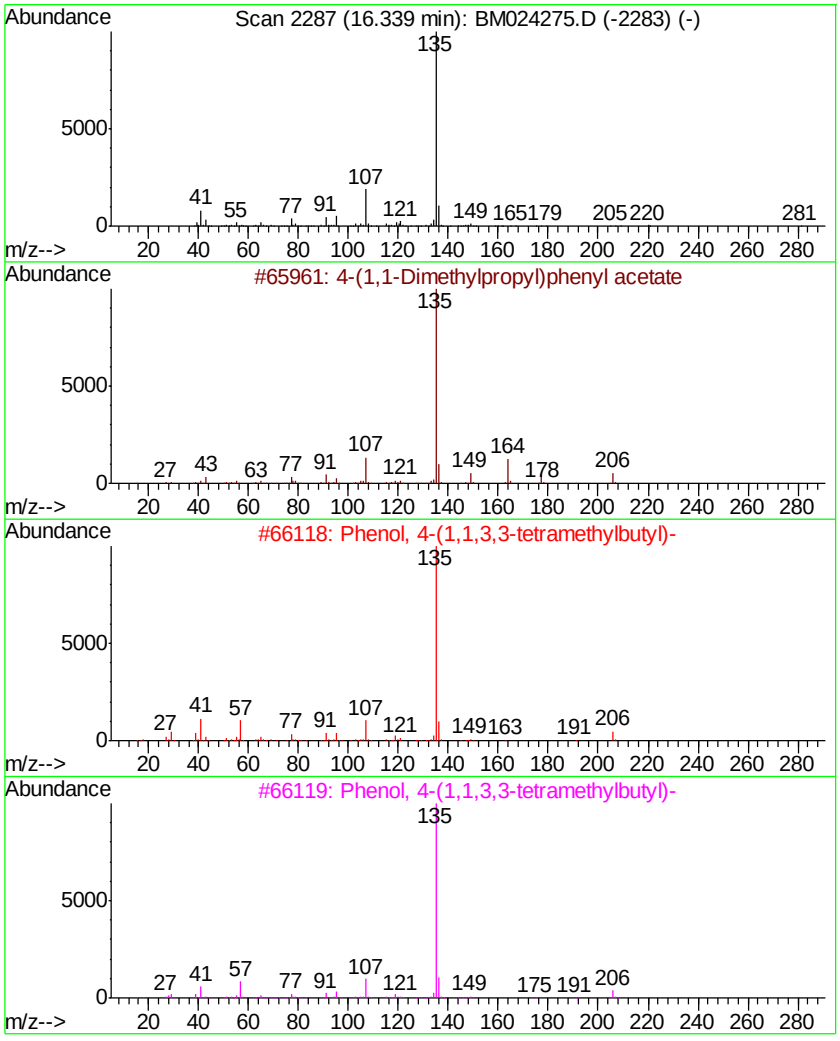
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

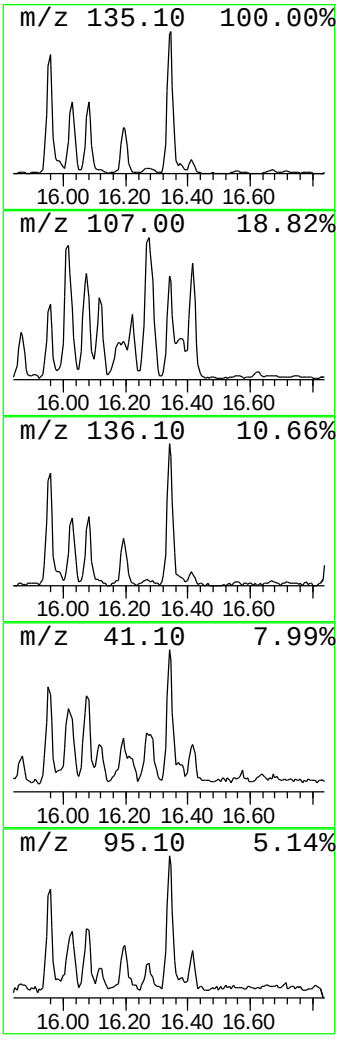
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.88 ng/ul	697134	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
5	m-Anisic acid, 4-cyanophenyl ester	253	C15H11NO3	1000307-80-2	64





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Data File : BM024275.D
Acq On : 25 Dec 2019 04:00
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

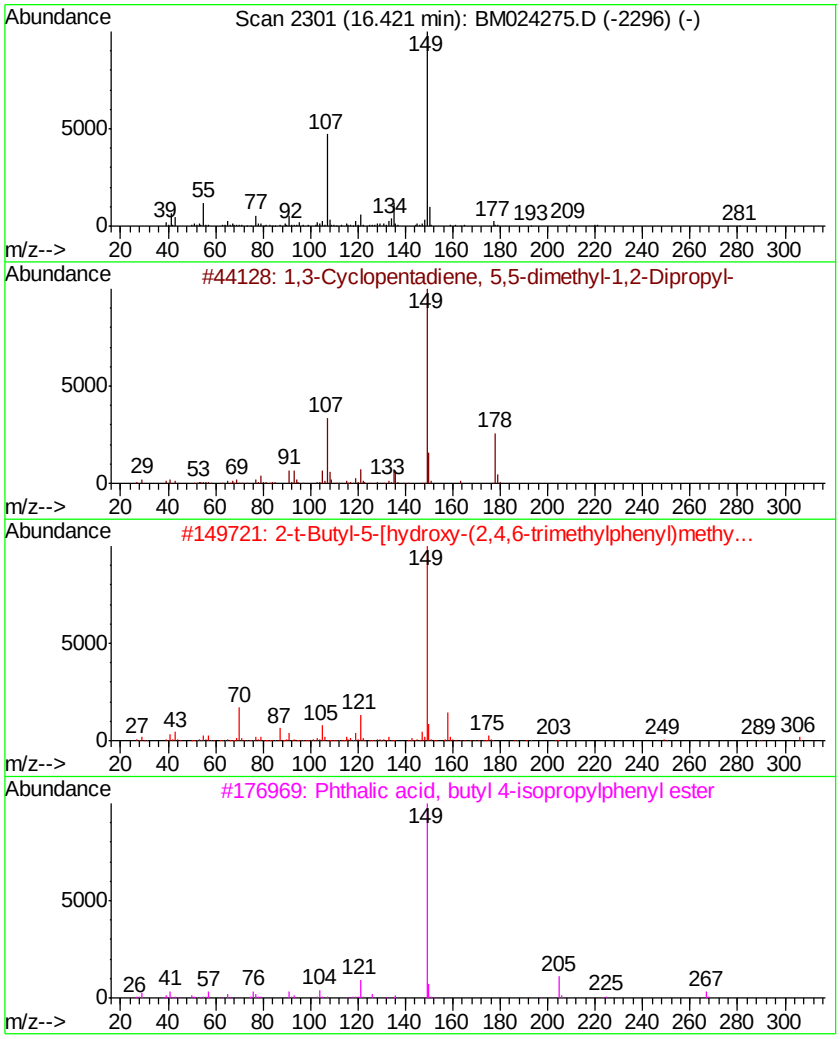
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

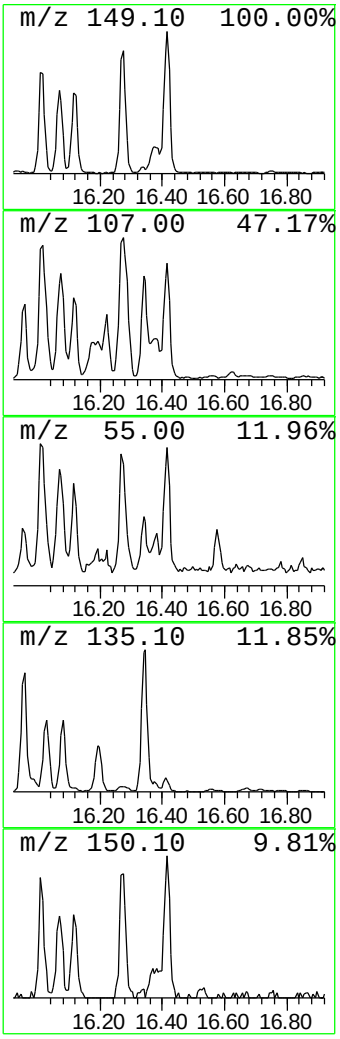
****

Peak Number 6 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.29 ng/ul	410554	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	59
2	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	47
3	Phthalic acid, butyl 4-isopropyl...	340	C21H24O4	1000315-22-1	43
4	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	43
5	Phthalic acid, 4-isopropylphenyl...	354	C22H26O4	1000315-22-2	38





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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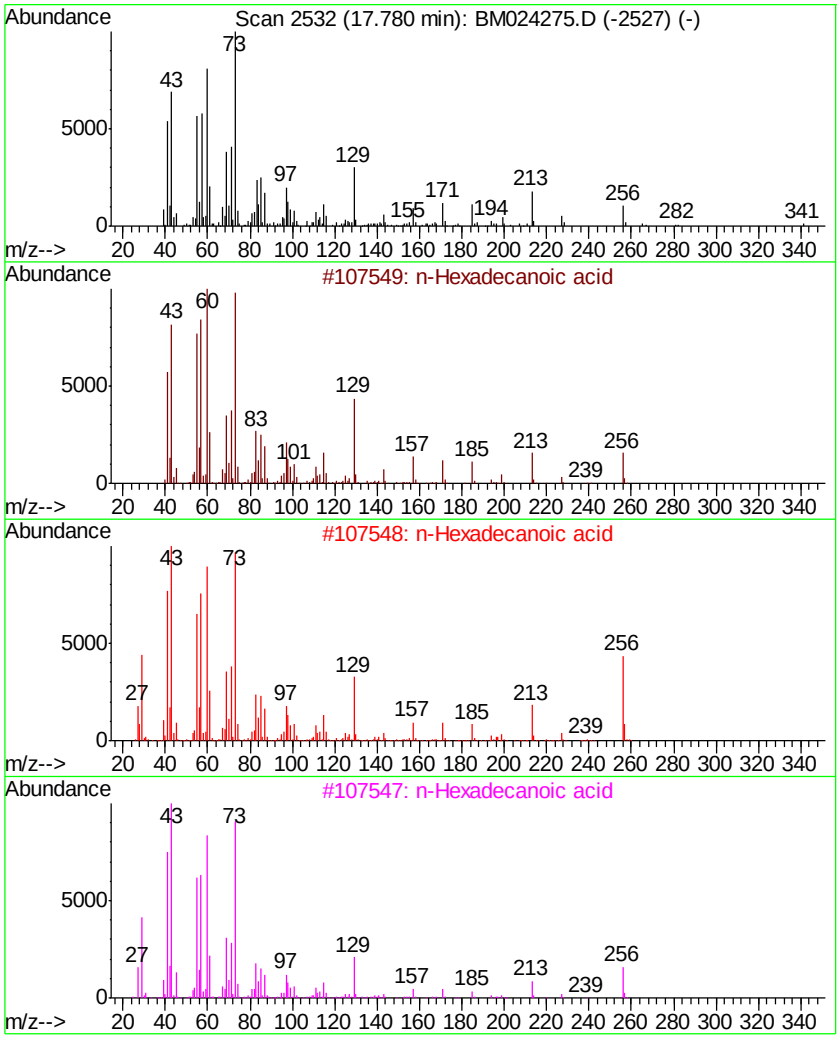
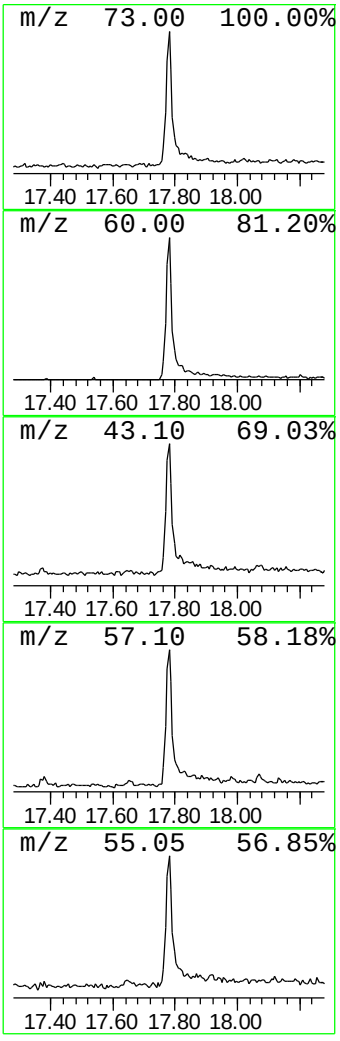
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.90 ng/ul	520058	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024275.D
Acq On : 25 Dec 2019 04:00
Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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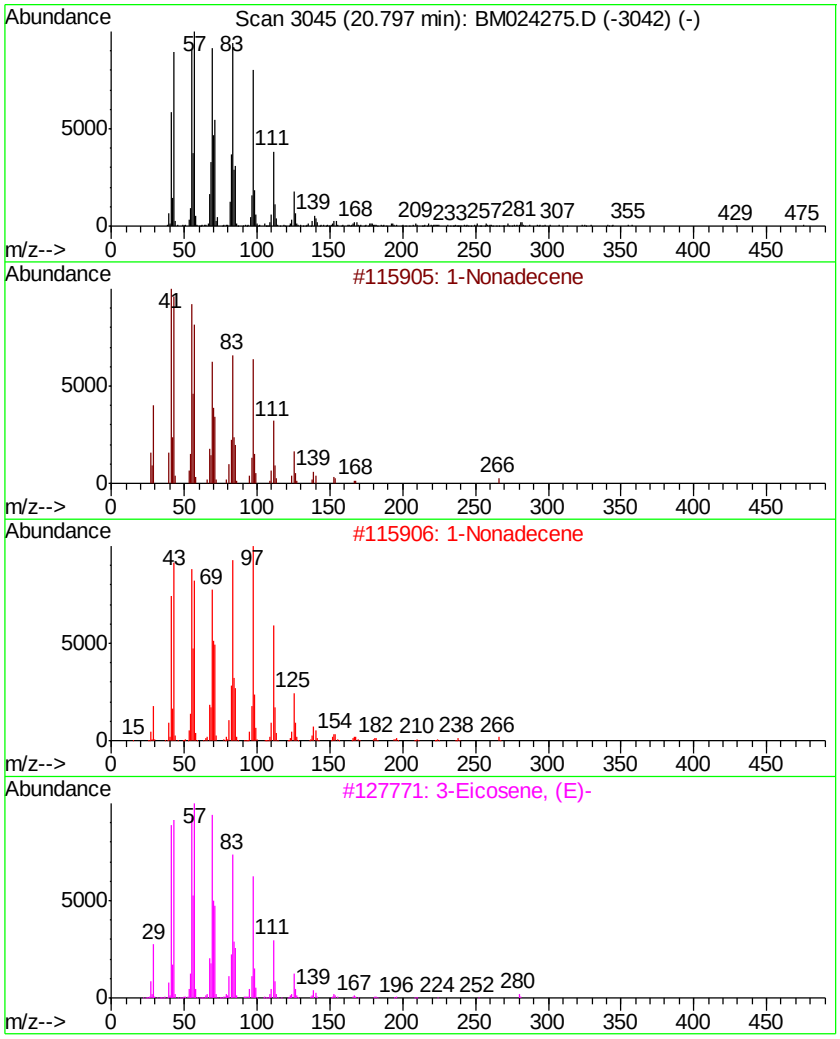
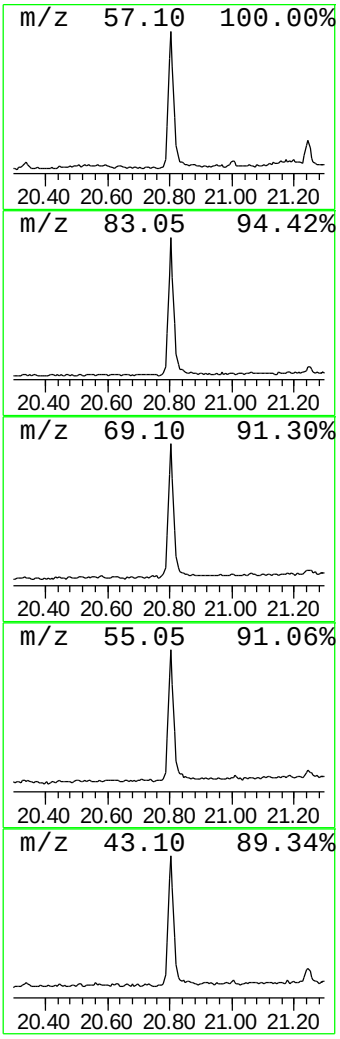
Peak Number 8 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	6.14 ng/ul	1173000	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Nonadecene	266	C19H38	018435-45-5	98
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024275.D
Acq On : 25 Dec 2019 04:00
Operator : JU
Sample : K6240-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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-methyl-...	15.96	3.2	ng/ul	578485	4	16.85	3589860	20.0
1-(6-Methyl-2-pyr...	16.02	4.3	ng/ul	765959	4	16.85	3589860	20.0
Phenol, p-tert-bu...	16.07	3.6	ng/ul	652168	4	16.85	3589860	20.0
5H-Pyrrolo(3,2-d)...	16.27	3.6	ng/ul	646034	4	16.85	3589860	20.0
4-(1,1-Dimethylpr...	16.34	3.9	ng/ul	697134	4	16.85	3589860	20.0
1,3-Cyclopentadie...	16.42	2.3	ng/ul	410554	4	16.85	3589860	20.0
n-Hexadecanoic acid	17.78	2.9	ng/ul	520058	4	16.85	3589860	20.0
(DEL) Alkane: Cyc...	20.80	6.1	ng/ul	1173000	5	21.07	3817980	20.0