

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036161.D
 Acq On : 31 Jan 2025 10:04
 Operator : RC/JU
 Sample : Q1197-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2983

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\SFAM-EPA-BN013025.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN036161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	8	12	18	rBV	25166	35847	1.02%	0.096%
2	3.675	79	83	98	rBV	125854	211794	6.02%	0.565%
3	3.993	134	137	143	rVB2	5899	9468	0.27%	0.025%
4	4.093	148	154	159	rBV4	8264	12758	0.36%	0.034%
5	4.364	198	200	206	rVB3	2691	4380	0.12%	0.012%
6	4.446	210	214	226	rBV	9631	16545	0.47%	0.044%
7	4.916	288	294	301	rVB2	12429	21454	0.61%	0.057%
8	6.181	505	509	515	rVB2	7558	11430	0.32%	0.030%
9	6.981	634	645	656	rBV	204103	344902	9.80%	0.920%
10	7.122	661	669	680	rBV	476512	733255	20.84%	1.956%
11	7.334	698	705	714	rBV	614288	925722	26.31%	2.469%
12	7.428	716	721	726	rVB3	3542	5639	0.16%	0.015%
13	7.793	776	783	792	rBV	473160	736233	20.92%	1.964%
14	7.863	792	795	804	rVB3	4056	7168	0.20%	0.019%
15	8.234	853	858	862	rBV	5677	8397	0.24%	0.022%
16	8.387	880	884	886	rBV5	2964	3906	0.11%	0.010%
17	8.516	897	906	915	rBV	567328	902810	25.66%	2.408%
18	8.716	934	940	948	rVB7	3762	8330	0.24%	0.022%
19	8.946	971	979	988	rBV	647314	1037047	29.47%	2.766%
20	9.393	1050	1055	1060	rVB	12319	18084	0.51%	0.048%
21	9.516	1069	1076	1081	rBV5	4197	8533	0.24%	0.023%
22	9.669	1095	1102	1110	rBV	588771	924815	26.28%	2.467%
23	9.804	1120	1125	1129	rBV6	4677	8684	0.25%	0.023%
24	9.857	1131	1134	1138	rVB5	4432	4679	0.13%	0.012%
25	10.140	1177	1182	1186	rBV4	2877	4876	0.14%	0.013%
26	10.222	1188	1196	1206	rBV	805181	1329830	37.80%	3.547%
27	10.522	1242	1247	1248	rBV5	3962	5180	0.15%	0.014%
28	10.587	1248	1258	1265	rVB	611714	1019932	28.99%	2.721%
29	10.722	1273	1281	1293	rBV	585906	1003511	28.52%	2.677%
30	11.404	1391	1397	1405	rBV8	3913	11713	0.33%	0.031%
31	11.622	1429	1434	1438	rBV3	9068	13851	0.39%	0.037%
32	11.887	1475	1479	1481	rBV2	17800	24856	0.71%	0.066%
33	11.946	1481	1489	1506	rVB	2219358	3431819	97.54%	9.155%
34	12.122	1515	1519	1523	rBV4	5847	7986	0.23%	0.021%
35	12.181	1523	1529	1534	rVB3	9638	17678	0.50%	0.047%
36	12.628	1600	1605	1610	rVB2	3157	4574	0.13%	0.012%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
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37	12.987	1657	1666	1667	rBV5	3359	6167	0.18%	0.016%
38	13.051	1673	1677	1681	rVB5	3964	5963	0.17%	0.016%
39	13.281	1710	1716	1721	rBV	18056	25113	0.71%	0.067%
40	13.845	1804	1812	1817	rBV	1541112	2016211	57.30%	5.378%

41	13.881	1817	1818	1828	rVB4	15978	22373	0.64%	0.060%
42	14.128	1852	1860	1867	rVV	1456600	2108298	59.92%	5.624%
43	14.198	1870	1872	1876	rVB4	3813	3866	0.11%	0.010%
44	14.357	1895	1899	1904	rBV5	11298	17917	0.51%	0.048%
45	14.434	1905	1912	1921	rVB	987868	1392603	39.58%	3.715%

46	14.516	1923	1926	1930	rBV4	3793	5609	0.16%	0.015%
47	14.669	1946	1952	1962	rBV	202524	335548	9.54%	0.895%
48	14.787	1969	1972	1978	rVB6	5766	9271	0.26%	0.025%
49	14.987	2000	2006	2007	rBV4	5887	9417	0.27%	0.025%
50	15.034	2011	2014	2020	rVB7	3389	5422	0.15%	0.014%

51	15.257	2041	2052	2055	rBV7	9028	18989	0.54%	0.051%
52	15.298	2056	2059	2064	rVB5	4056	6099	0.17%	0.016%
53	15.428	2074	2081	2089	rBV	1903407	2692363	76.52%	7.182%
54	15.539	2094	2100	2107	rBV	857476	1164422	33.09%	3.106%
55	15.669	2118	2122	2129	rBV7	9429	17716	0.50%	0.047%

56	15.792	2138	2143	2148	rVB	54954	70022	1.99%	0.187%
57	15.939	2164	2168	2171	rBV4	3753	6509	0.18%	0.017%
58	16.069	2187	2190	2195	rBV6	3789	6276	0.18%	0.017%
59	16.110	2195	2197	2204	rVV7	4012	8669	0.25%	0.023%
60	16.210	2212	2214	2219	rVB6	4526	5271	0.15%	0.014%

61	16.328	2229	2234	2237	rBV5	7441	10251	0.29%	0.027%
62	16.592	2274	2279	2283	rBV7	5463	10643	0.30%	0.028%
63	16.692	2291	2296	2302	rVB3	7527	12272	0.35%	0.033%
64	16.804	2314	2315	2319	rBV4	2502	3651	0.10%	0.010%
65	16.851	2321	2323	2327	rVB5	5179	6916	0.20%	0.018%

66	16.963	2336	2342	2346	rBV6	5675	10885	0.31%	0.029%
67	17.181	2372	2379	2388	rVB	1212653	1632571	46.40%	4.355%
68	17.281	2389	2396	2406	rVV	2142765	3031071	86.15%	8.086%
69	17.357	2406	2409	2414	rVB7	4062	6481	0.18%	0.017%
70	17.763	2475	2478	2481	rVB3	5783	7491	0.21%	0.020%

71	17.851	2490	2493	2496	rBV5	5859	6826	0.19%	0.018%
72	18.081	2527	2532	2540	rBV	124091	192039	5.46%	0.512%
73	18.404	2585	2587	2592	rVB6	8695	12972	0.37%	0.035%
74	18.557	2610	2613	2617	rVB4	10730	11789	0.34%	0.031%
75	19.139	2708	2712	2717	rBV2	30278	42068	1.20%	0.112%

76	19.204	2720	2723	2727	rVV	31025	41813	1.19%	0.112%
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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

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Title : SVOA CALIBRATION

77	19.363	2746	2750	2754	rBV2	40557	54157	1.54%	0.144%
78	19.510	2772	2775	2779	rBV3	19483	22329	0.63%	0.060%
79	19.575	2780	2786	2792	rVV	2613468	3518513	100.00%	9.386%
80	19.622	2792	2794	2799	rVB2	27878	37495	1.07%	0.100%
81	21.110	3044	3047	3052	rBV3	58539	81272	2.31%	0.217%
82	21.427	3095	3101	3107	rBV2	1135837	1641208	46.64%	4.378%
83	24.251	3572	3581	3594	rVB	1142118	2714379	77.15%	7.241%
84	24.457	3608	3616	3631	rVB2	540441	1540773	43.79%	4.110%

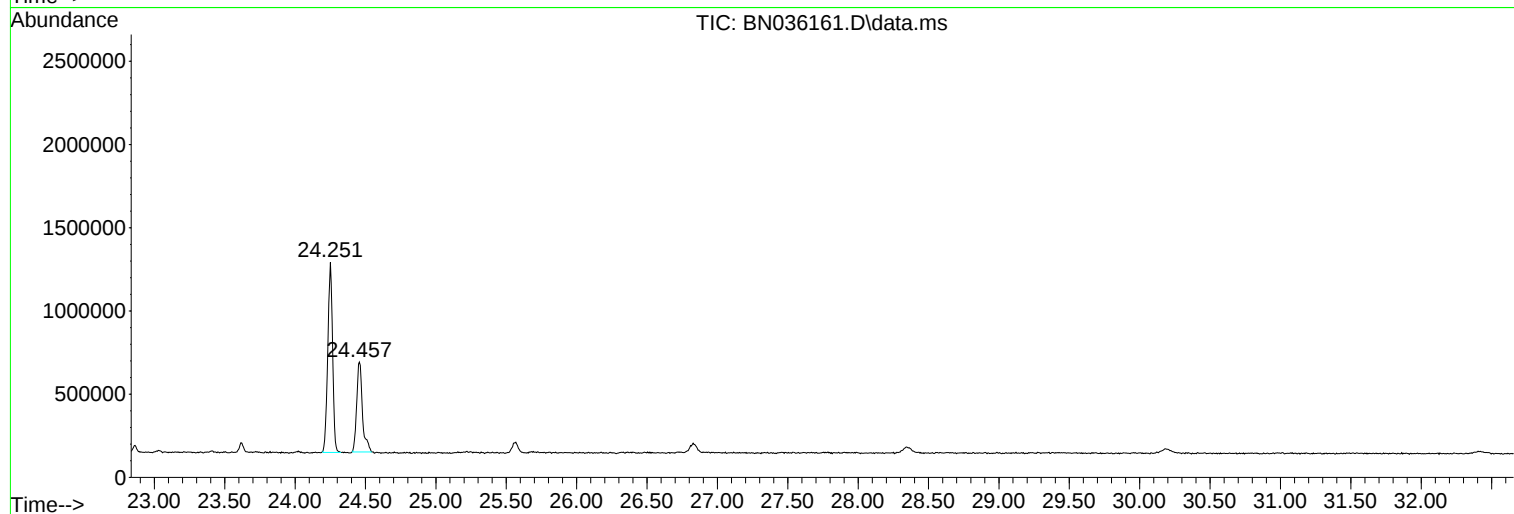
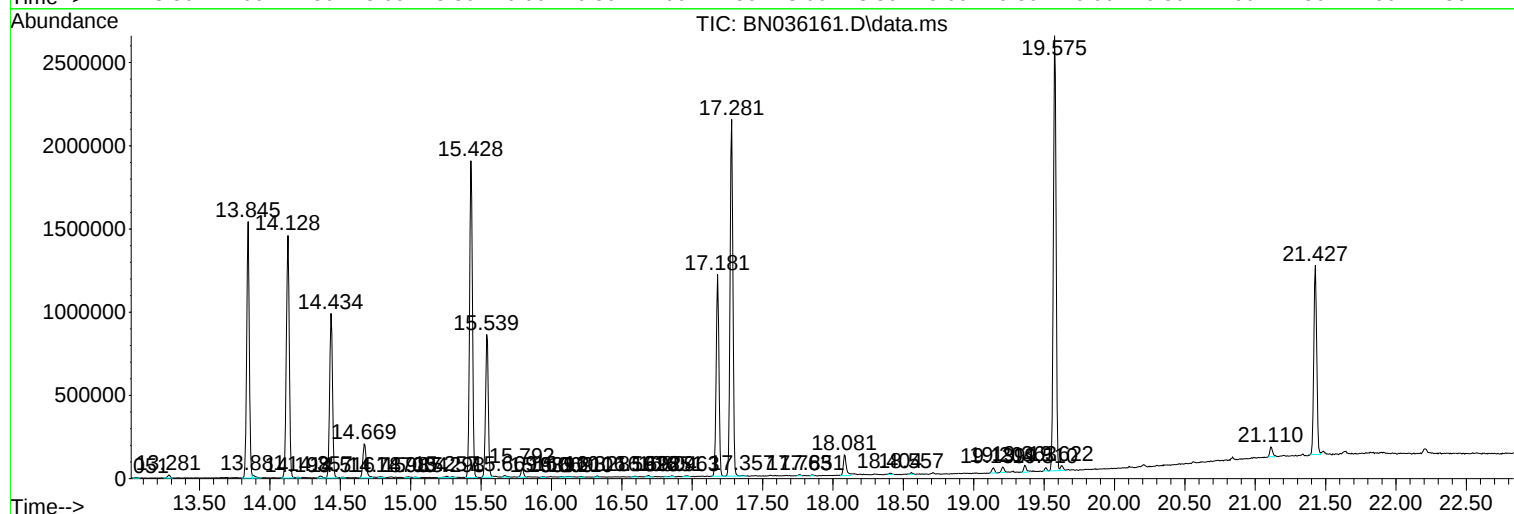
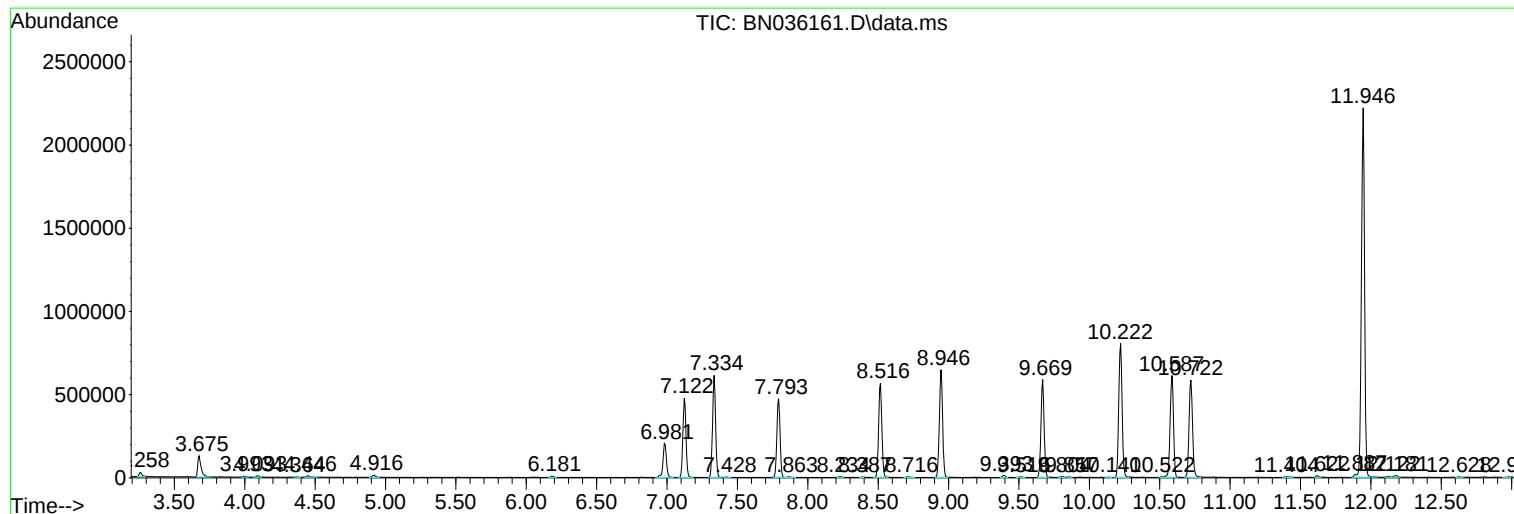
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BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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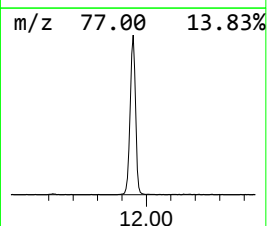
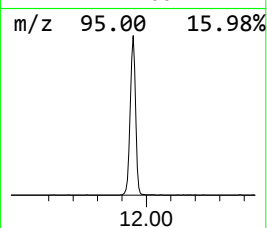
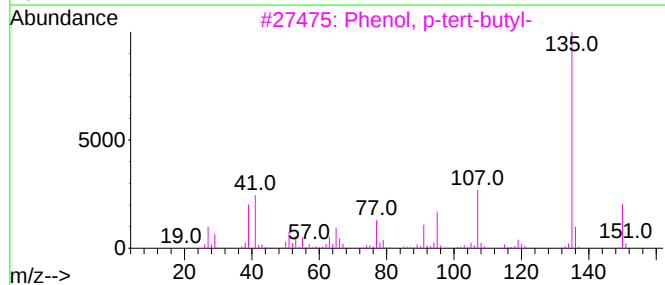
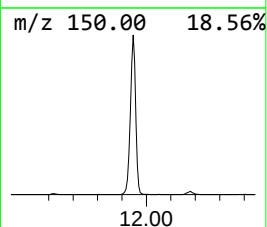
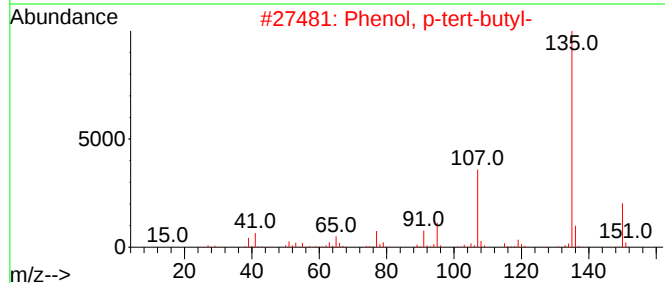
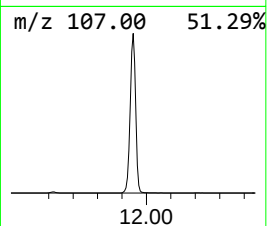
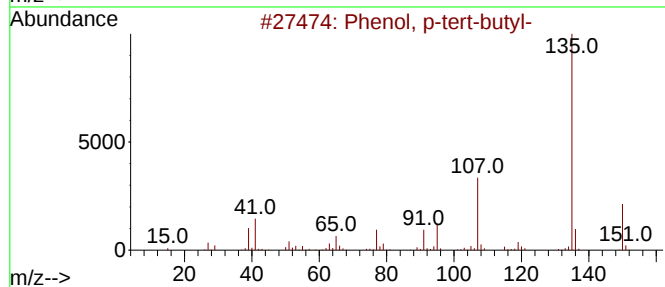
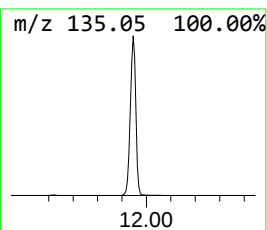
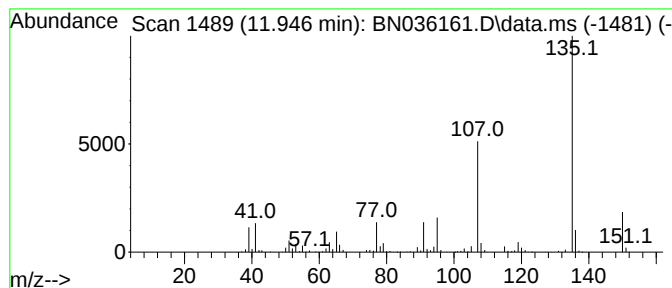
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	67.30 ng/ul	3431820	Naphthalene-d8	10.587

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2			Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3			Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93
4			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5			Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90



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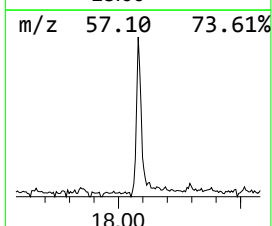
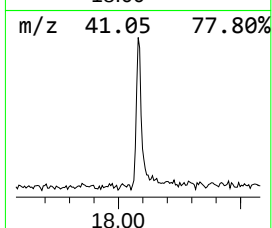
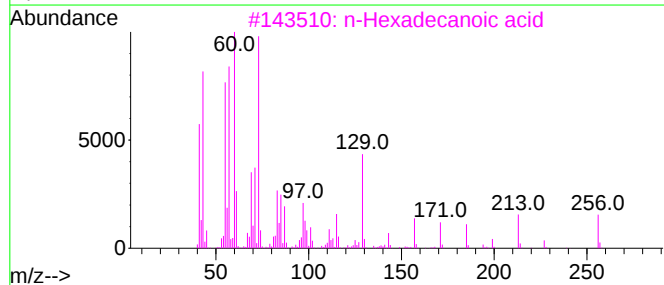
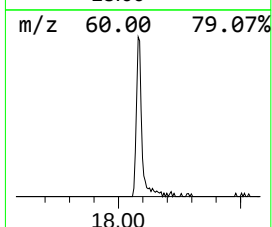
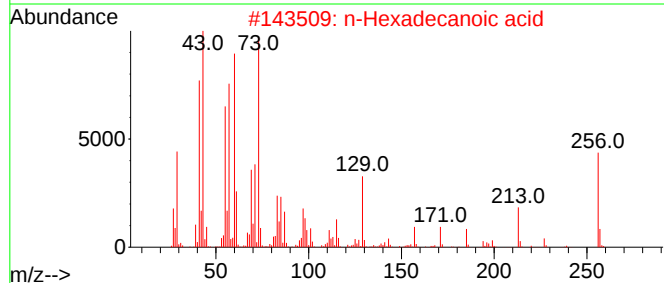
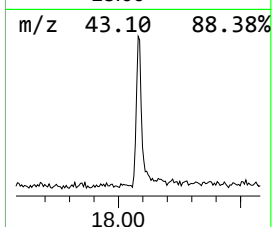
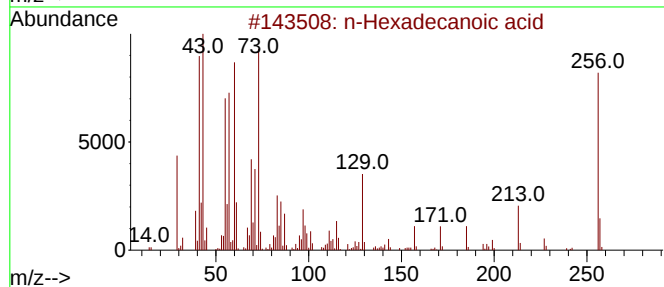
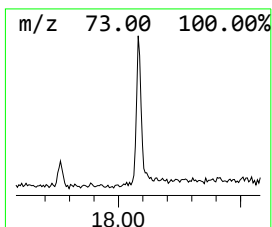
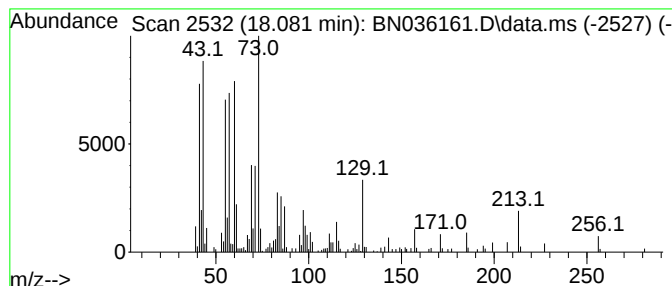
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	2.35 ng/ul	192039	Phenanthrene-d10	17.181

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	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5			Tridecanoic acid	214	C13H26O2	000638-53-9	87



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenol, p-tert-...	11.945	67.3	ng/u1	3431820	2	10.587	1019930	20.0
n-Hexadecanoic ...	18.081	2.4	ng/u1	192039	4	17.181	1632570	20.0