LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136500.D
Acq On : 11 Dec 2023 20:21
Operator : CG\JU
Sample : 05720-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\Methods\8270-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	16	rVB	593013	771858	27.46%	3.833%
2	5.045	498	503	508	rVB	41665	50078	1.78%	0.249%
3	5.439	565	570	573	rBV	2419982	2268186	80.70%	11.263%
4	6.434	734	739	742	rBV	2019006	2252253	80.13%	11.184%
5	6.792	796	800	803	rBV	969362	755927	26.90%	3.754%
6	7.351	890	895	898	rBV	1453870	1483856	52.79%	7.368%
7	8.069	1012	1017	1020	rBV	1161892	1020955	36.32%	5.070%
8	9.145	1195	1200	1204	rBV	2892152	2810614	100.00%	13.957%
9	9.827	1307	1316	1319	rBV	1389820	1193458	42.46%	5.926%
10	10.622	1446	1451	1454	rBV	1775133	1704128	60.63%	8.462%
11	11.316	1565	1569	1573	rBV	1358705	1222374	43.49%	6.070%
12	11.851	1657	1660	1665	rBV3	65100	65533	2.33%	0.325%
13	12.915	1836	1841	1844	rBV	2984794	2501355	89.00%	12.421%
14	13.904	2001	2009	2016	rBV10	13394	45715	1.63%	0.227%
15	13.968	2016	2020	2024	rVV	913889	788097	28.04%	3.913%
16	14.451	2098	2102	2107	rBV	67484	70289	2.50%	0.349%
17	14.839	2163	2168	2175	rBV	194806	226379	8.05%	1.124%
18	15.274	2238	2242	2249	rBV2	51523	80458	2.86%	0.400%
19	15.451	2266	2272	2278	rBV	543904	708324	25.20%	3.517%
20	15.792	2324	2330	2340	rVB2	38265	75167	2.67%	0.373%
21	16.398	2428	2433	2440	rBV6	22261	43155	1.54%	0.214%

Sum of corrected areas: 20138159

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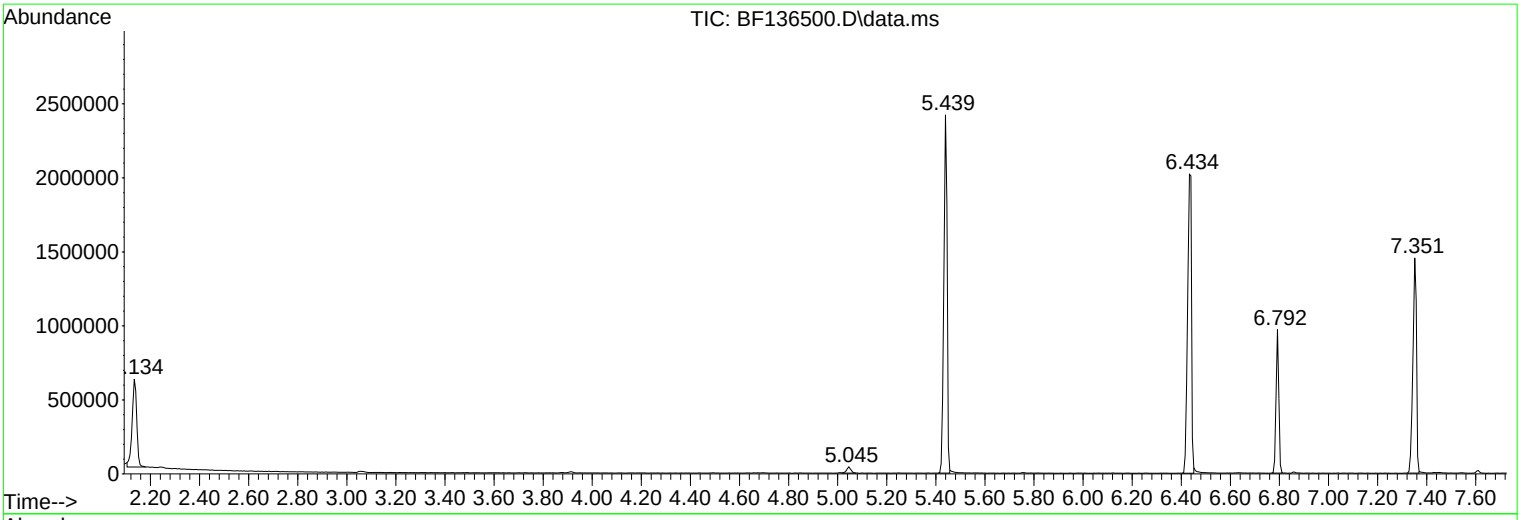
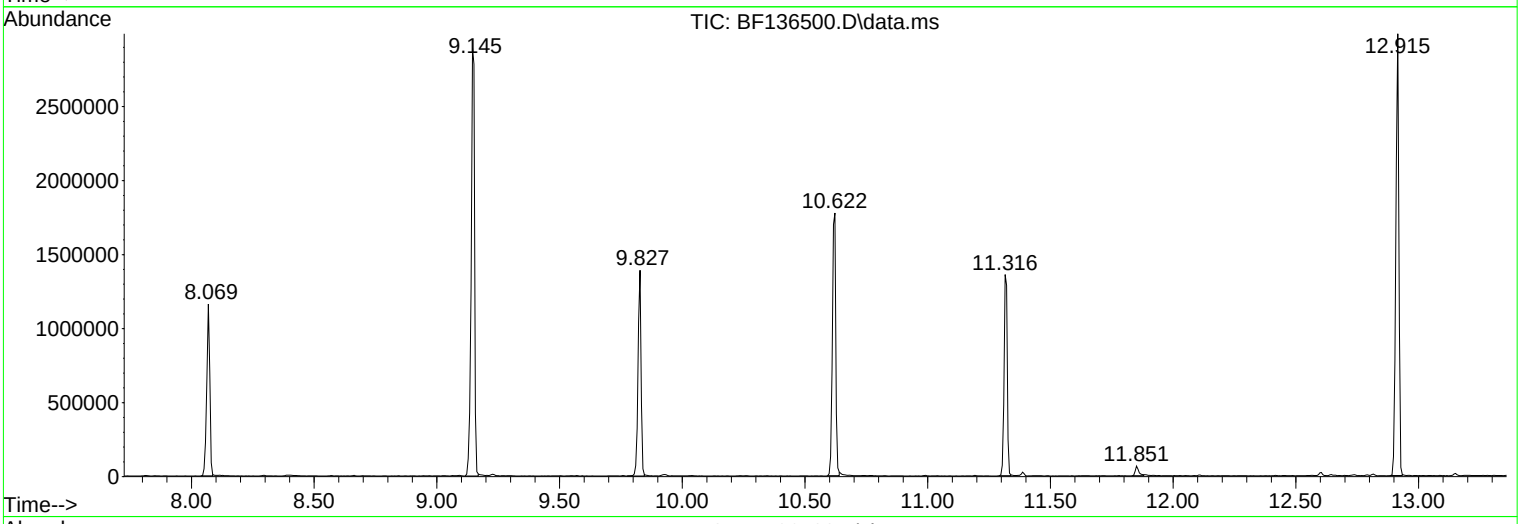
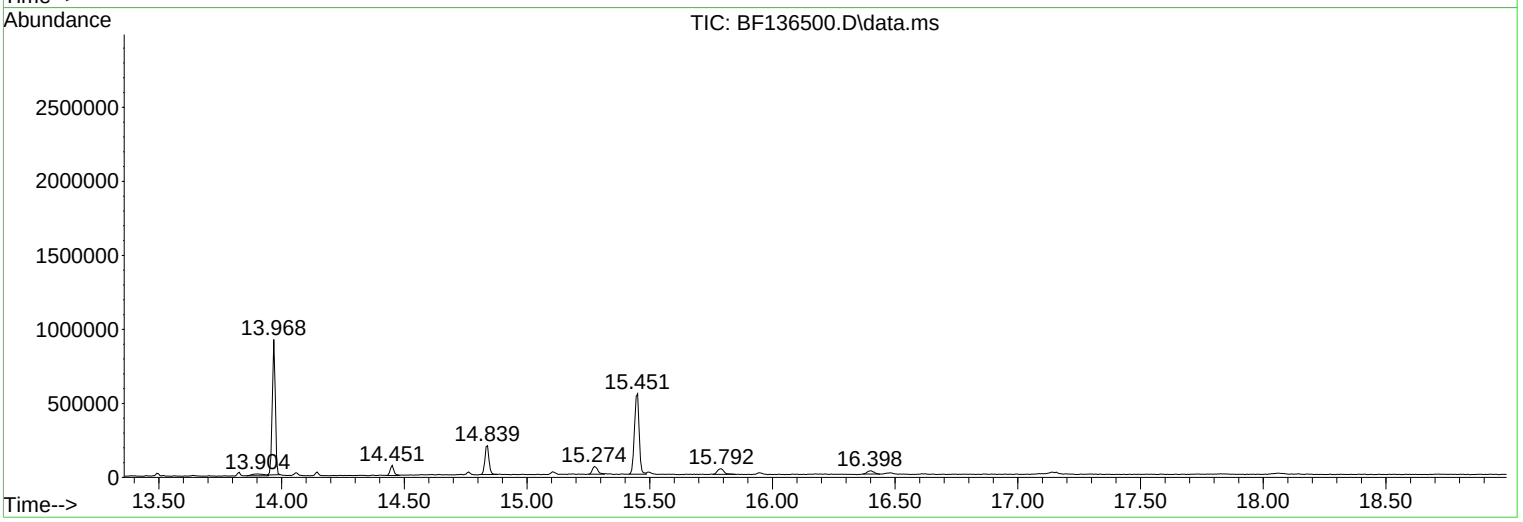
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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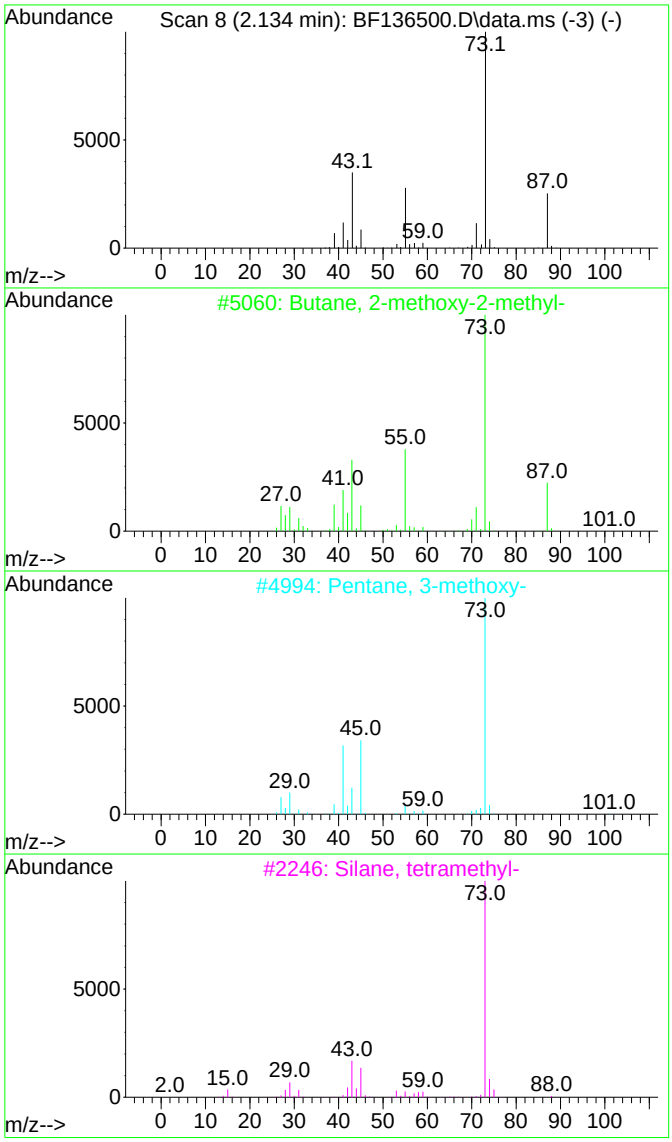
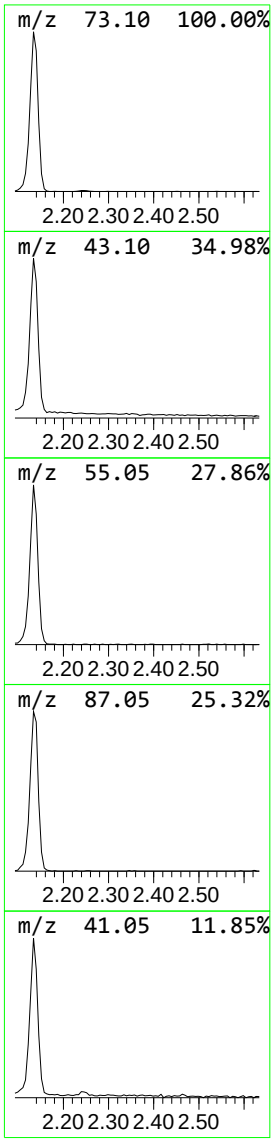
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	20.42 ng	771858	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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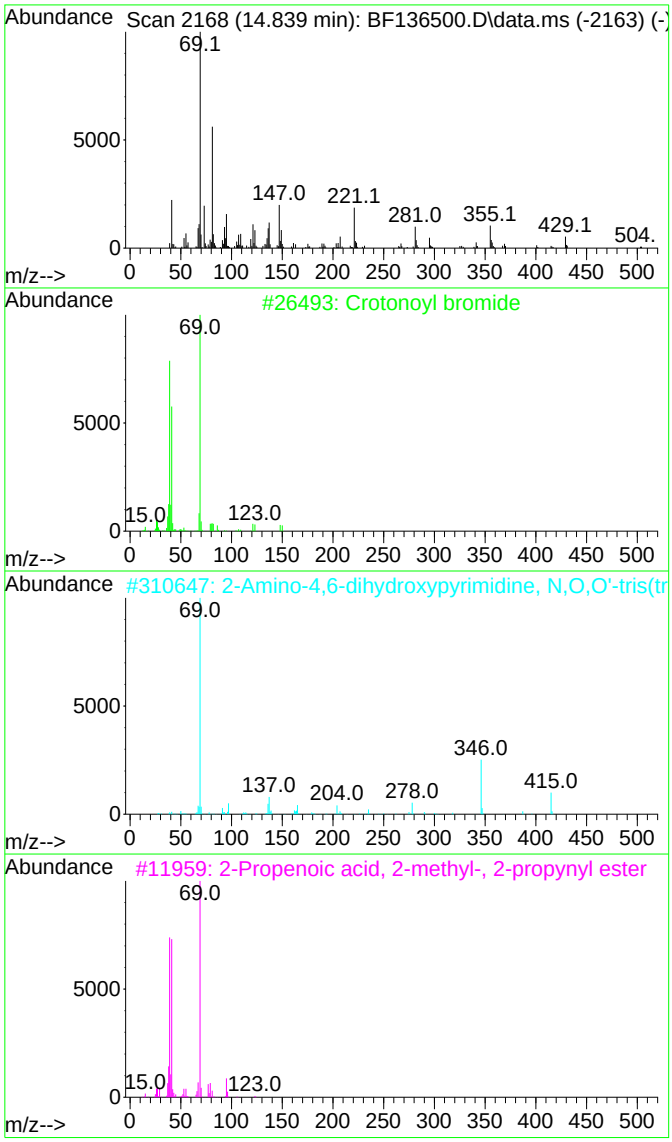
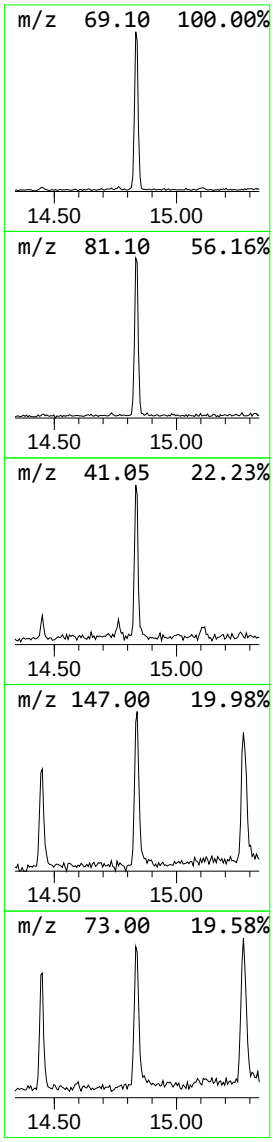
Peak Number 2 unknown14.839 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	6.39 ng	226379	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonoyl bromide	148	C4H5BrO	055600-70-9	38
2	2-Amino-4,6-dihydroxypyrimidine,...	415	C10H2F9N3O5	1000375-76-1	23
3	2-Propenoic acid, 2-methyl-, 2-p...	124	C7H8O2	013861-22-8	23
4	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	9
5	Calealactone B, TMS derivative	494	C24H34O9Si	1000480-41-9	9





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Sample : 05720-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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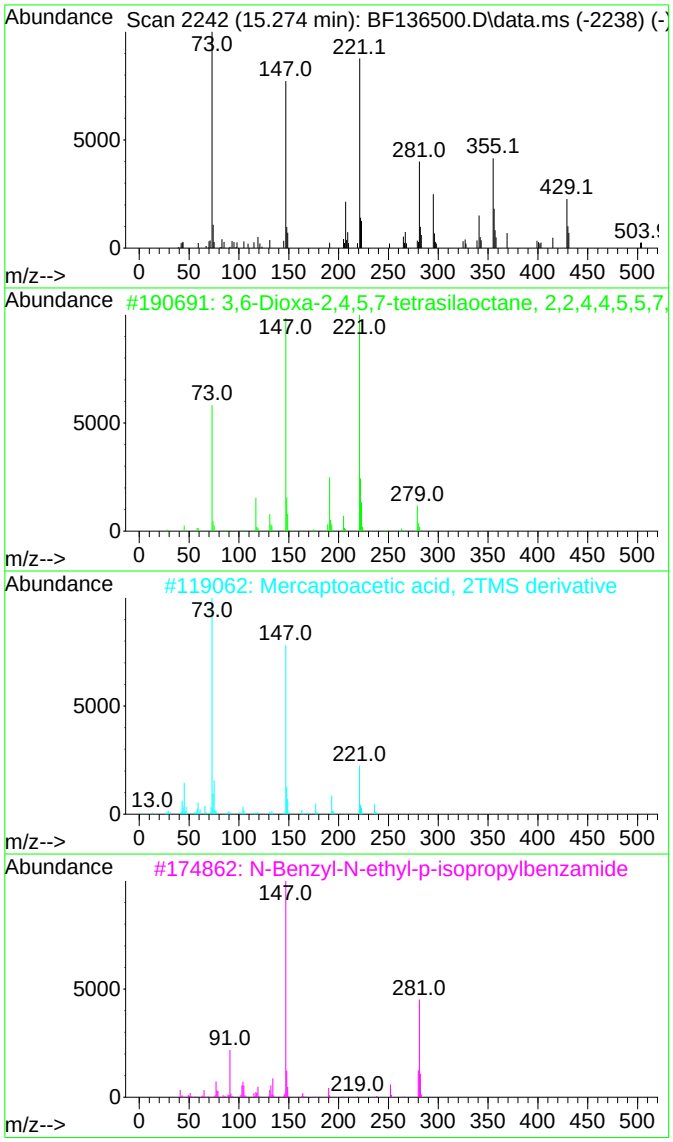
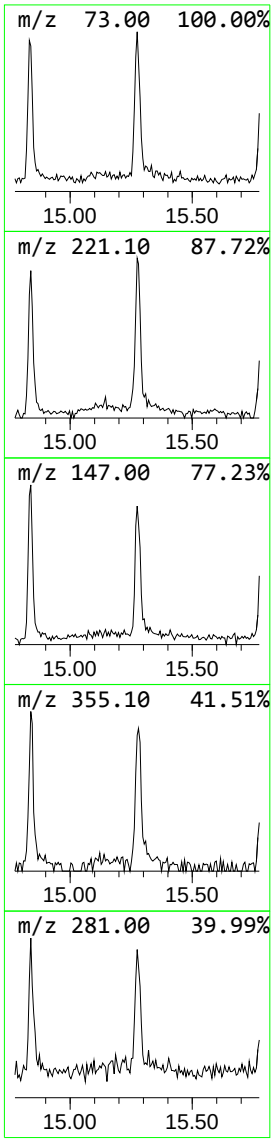
Peak Number 3 unknown15.274 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	2.27 ng	80458	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
2	Mercaptoacetic acid, 2TMS deriva...	236	C8H20O2SSi2	006398-62-5	32
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	30
4	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	25
5	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	25





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Instrument :
BNA_F
ClientSampleId :
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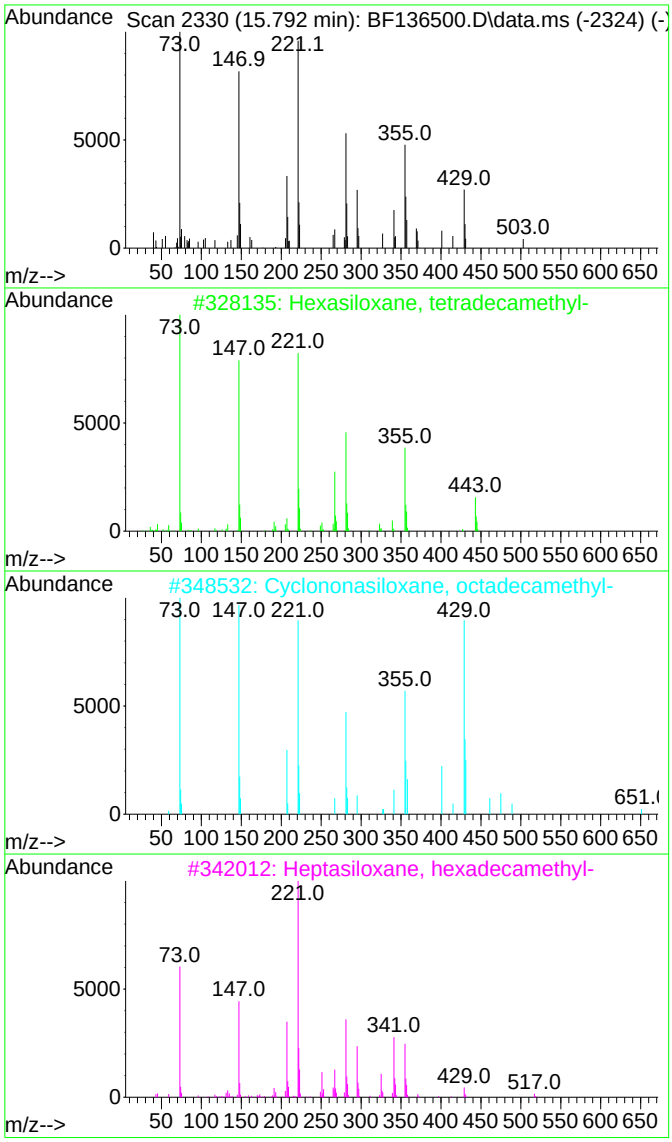
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

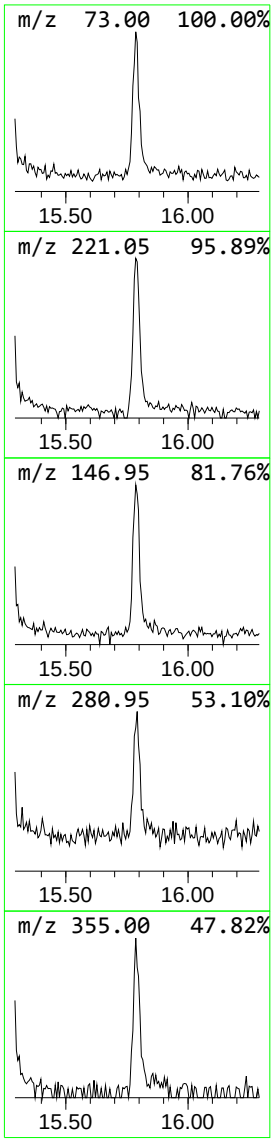
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexasiloxane, tetradecamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	2.12 ng	75167	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	64
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
3	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	37
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	32
5	Trimethylsilyl 4-propylbenzoate	236	C13H20O2Si	1000408-13-2	25





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	20.4	ng	771858	1	6.792	755927	20.0
unknown14.839	14.839	6.4	ng	226379	6	15.451	708324	20.0
unknown15.274	15.274	2.3	ng	80458	6	15.451	708324	20.0
Hexasiloxane, t...	15.792	2.1	ng	75167	6	15.451	708324	20.0